

EXHIBIT 1

**Listing of Clifford Sales Literature/Owner's Manuals
Included in Exhibit 1**

Sales Literature:

IntelliGuard 500
CliffAlert™
CliffAlarm™ AT
CliffAlert III
Super IPS™
Super IPS™II
Delta III™
Eagle™
Advantage
Arrow
Arrow II
CliffAlarm™II
CliffAlert™II
Smart Remote Starter™
Smart Remote Starter™II
Smart Remote Starter III
Stingray II
Remote Commander
Sabre
Nova III
Ace™
Nova™
Super Nova
Delta™ IV
Super Nova II
Ace™II
Sabre II
Cyber 1
Cyber 3
Cyber 5
Ace 100
Ace 300
Ace 500
Special Edition SE4000
XL500
XL1000
XL2000
XL4000
Remote Keyless Entry System
AvantGuard
AvantGuard™II

Owner's Manuals:

Special Edition SE 3000
IntelliGuard Series 600/300/100
Special Edition Series 3000/2020/1010/1000

Clifford Electronics is the nation's leading manufacturer of high-technology vehicle security and convenience systems. Our team of research and development engineers pioneered most the industry's major breakthroughs: automatic ("passive") arming, the use of CMOS microprocessors with artificial intelligence algorithms, automatic system self-diagnostics, automatic bypass of malfunctioning sensors/triggers, self-calibrating glass breakage detector, the world's only driver adjustable vibration/impact sensor, user-programmable Personalized Siren Sound, and the only remote controlled security systems utilizing more than four billion digital codes and 16 channels, among many other innovations.

We are fanatics about quality and reliability. We don't repackage foreign-bought components like other car alarm "manufacturers." From the microchip design to the final test, our extensive engineering and manufacturing divisions design, produce and multi-test our innovative and reliable systems right here in the United States.

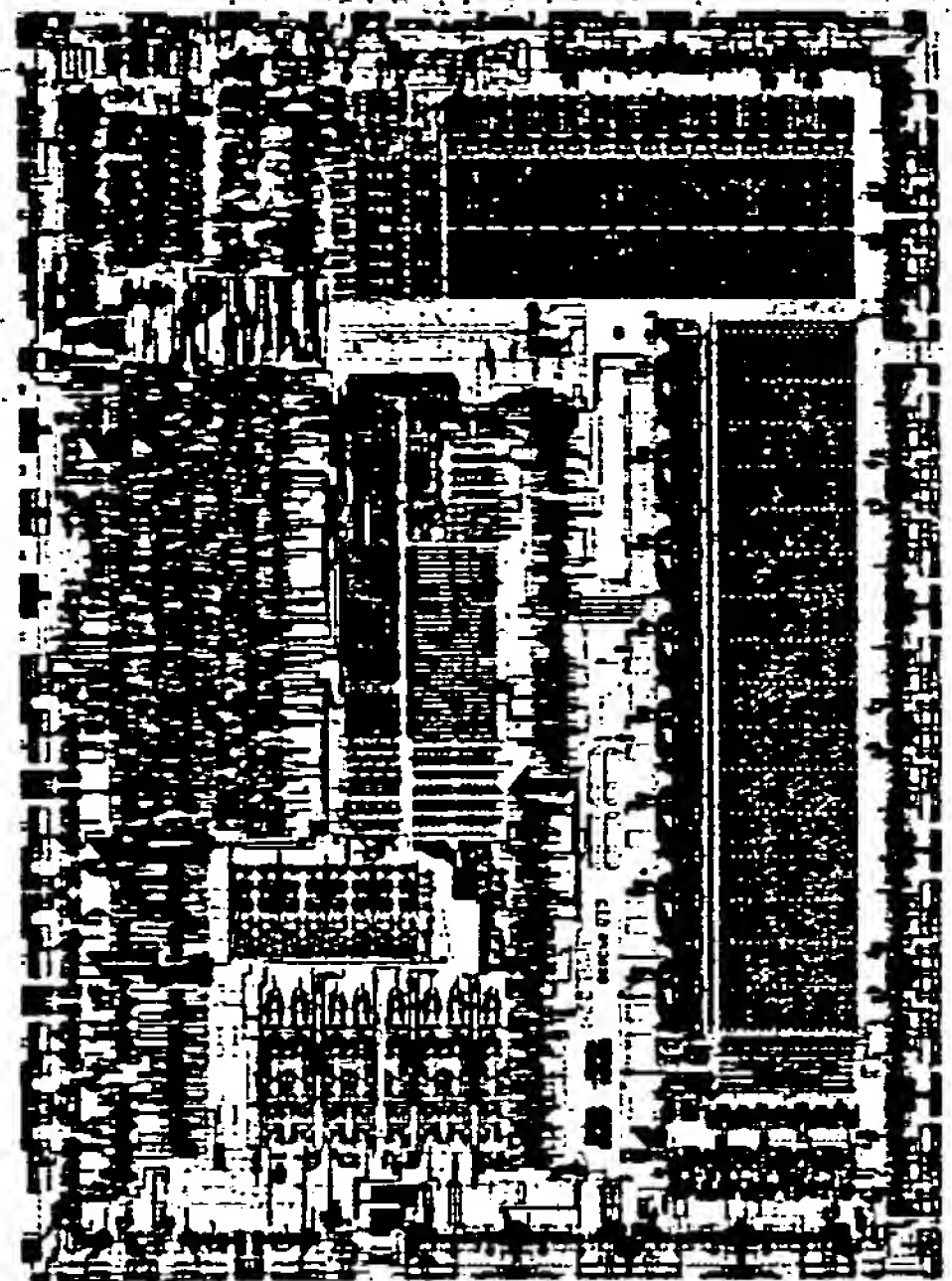
Quality, reliability and technological innovation are the hallmarks of Clifford Electronics. Clifford sets the standards. That is why the name Clifford has become synonymous with the ultimate in auto security.

CLIFFORD
THE ULTIMATE IN AUTO SECURITY

90-1058/1188IG5-B

CLIFFORD

Artificial Intelligence
Security System



IntelliGuard 500
Redefines state of the art
in security and convenience

Clifford Electronics, the nation's leading manufacturer of high-technology vehicle security systems, has changed the concept of car alarms. Now and forever.

The Clifford Electronics *IntelliGuard 500* redefines state of the art in automotive security, principally due to its proprietary, leading-edge artificial intelligence algorithm. Never before has such sophistication, innovation and ease of use been so perfectly melded into a system of uncompromised excellence.

The *IntelliGuard 500* is much more than the world's most advanced vehicle security system. It is also the most user-friendly. You will be amazed by its innovative ease of operation, which is never more difficult than pressing a button on its tiny *UltraCode*[™] remote control.

Clifford Electronics was the first to introduce remote control technology into automotive security systems. The remote control transmits a unique digital code combination that acts as an "electronic key" to conveniently arm and disarm the system. Distressingly, professional thieves have begun using code-generating "scanners" to defeat remote controlled security systems. These scanners transmit sequential digital code combinations until they hit on the one that disarms the system.

Typical remote controls have only a few thousand digital code combinations. A fast scanner can go through that many in just a few minutes.

The *IntelliGuard 500* is immune to scanning. Its *UltraCode* remote control delivers an incredible 4 billion (4,000,000,000) digital code combinations! Think about it. That's four thousand *times* one million codes.

In real terms, it would take a thief with the most sophisticated electronic scanner more than 19 *years* of constant work—24 hours a day, 365 days a year, without interruption—to go through all four billion digital codes in the *UltraCode* arsenal.

Unparalleled security is not the sole developmental criterion of the *IntelliGuard 500*. Convenience and ease of operation are equally paramount considerations.

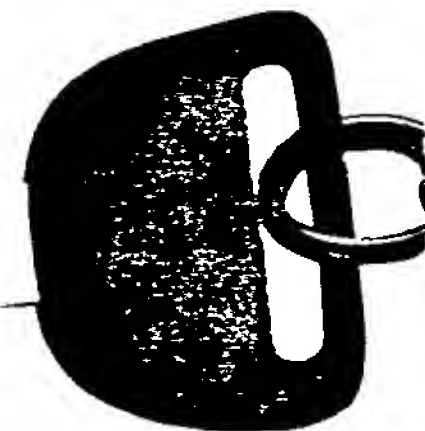
Security systems currently on the market can only recognize one specific remote control digital code. If you want an extra remote control, a "blank" remote control has to be specially coded for you by the manufacturer or the dealer who sold you the system.

The *IntelliGuard 500* solves that problem with its patented MultiRemote[™] Recognition. You can walk into any Authorized Clifford Dealer, purchase any type of Clifford remote control right off the shelf, and, with just a single security step and a push of a button, your *IntelliGuard 500* will respond to the new remote control. It's that easy. No wait, no bother, no complex dealer-coding procedures, no special factory orders, and no extra coding costs.

In fact, you can program up to *four* entirely differently coded Clifford remote controls into your *IntelliGuard 500*.

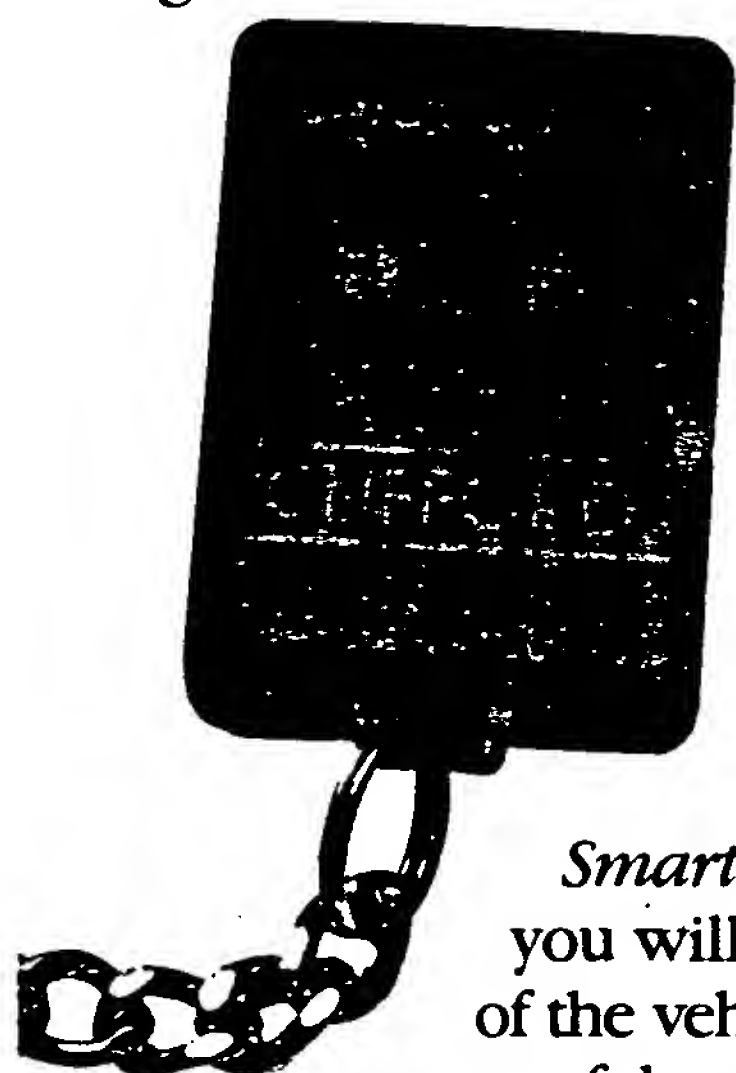
Deleting the code of a lost or stolen remote control is just as easy. All other manufacturers' alarms require that the control unit be removed from the car and sent back to the factory in order to change the remote control code, thereby costing you money and leaving your vehicle vulnerable.

The *UltraCode* remote control that



comes with your *IntelliGuard 500* emits a subtle but distinct electronic "shimmering" sound whenever activated. It will even sound a special double-beep tone to let you know when its battery needs replacing.

For added convenience, the *UltraCode* remote control even commands your vehicle's power door locks. You will never again have to fumble with your keys in the



dark or bad weather. The same button that conveniently arms and disarms the *IntelliGuard 500* also automatically locks and unlocks the doors. One touch does it all.

If you add the optional *SmartWindows™* accessory, you will have total command of the vehicle's power windows/sunroof through the remote control.

You can even control your electric garage door opener with the *UltraCode* remote control. For the ultimate in multifunction, multi-vehicle control, use the ingenious *16 Channel Remote Control*.

The *IntelliGuard 500* is clearly the most user-friendly system available. It is virtually automatic: automatic self-diagnostics, automatic bypass of defective triggers, automatic intrusion point identification, and of course automatic arming if you forget to arm the system.

Incredible, right? That's just the beginning. Check out all the other standard features of the incredible *IntelliGuard 500* and you will agree that no other system offers this much technological innovation, convenience and unparalleled security. Protect yourself, your vehicle and its contents with the incredible *IntelliGuard 500*.

Optional Accessories

- **SmartWindows™**—Delivers all these security and convenience features:
 - ☑ Open or close the windows/sunroof, *fully or just a crack*, from as far away as 75 feet.
 - ☑ Automatically closes the windows/sunroof when you arm with the remote control.
 - ☑ TouchDown™—Just one downward tap of the vehicle's switch opens the window or sunroof without needing to hold the switch.
 - ☑ TouchUp™—Just one upward tap of the switch closes the window or sunroof.
 - ☑ QuickStop™—Halt window/sunroof motion with just a tap of the switch in *either* direction.
- **Additional Remote Controls**—The *IntelliGuard 500* can respond to as many as four uniquely coded Clifford remote controls—*UltraCode*, *MegaCode* (one million codes), standard (16,000 codes) or *16 Channel* (multifunction, 4 billion codes)—with just a flick of a switch.
- **16 Channel Remote Control**—Gives you total remote control of up to 16 different security systems, engine starters, garage doors, power windows, and electric trunk releases, all with the security of 4 billion codes. User-friendly, two-button remote control audibly confirms channel selection and transmission.
- **OmniSensor™**—World's only all-electronic, microprocessor-controlled, *user-programmable* sensor. **Only the OmniSensor allows you to adjust its sensitivity any time, any place, without tools and without even knowing where the sensor is mounted!** For unprecedented accuracy, OmniSensor digitally analyzes the critical exponents of all registered signals. It will unerringly detect all genuine threats and unfailingly ignore the non-threatening conditions that cause other sensors to false alarm.
- **IntelliSensor™**—World's most advanced, fully automatic window tampering sensor eliminates false alarms; detects and verifies intrusion attempts before the vehicle's glass can be broken.
- **Garage Door Programmable Receiver (#60-215NX)**—Command your electric garage door with the *IntelliGuard 500* remote control. It's more than just convenient: the *UltraCode*'s 4 billion codes make your garage impervious to code-generating "scanners" used by burglars.

STANDARD FEATURES

- ☑ **Advanced CMOS Microcomputer**—Very Large Scale Integration (VLSI) microprocessor monitors and commands all system functions and sensors at an incredible rate of 1,000,000 times per second, yet draws less power than the vehicle's clock.
- ☑ **Remote Door Locking/Unlocking**—No more fumbling with keys in the dark or bad weather! Lock and unlock your vehicle doors with just a touch of button 1 on the remote control.
- ☑ **Automatic System Self-Diagnostics**—In a fraction of a second, the *IntelliGuard 500* performs a comprehensive test of all system components and visually identifies any defective trigger or sensor.
- ☑ **Defect AutoBypass™**—In the unlikely event of a sensor or trigger failure, the system will automatically bypass the defective point and *continue* to relentlessly protect your vehicle.
- ☑ **Automatic Intrusion Point Identification**—Audibly alerts you—from a distance—of foiled intrusion attempts *and* visually identifies the trigger or sensor activated by the attempt.
- ☑ **Multicolor LED Status Indicator**—Integrated red/green/orange LED identifies armed, disarmed, automatic-arming countdown, programming and valet modes. Also identifies specific trigger or sensor tripped by a foiled intrusion attempt, or a malfunctioning trigger or sensor.
- ☑ **Automatic ("Passive") Arming**—Arms itself if you forget, and qualifies you for an insurance discount that may pay for the system.
- ☑ **Starter Disabling**—Prevents an intruder from starting the engine.
- ☑ **SmartPowerUp™**—Will immediately sound the SmartSiren and prevent engine starting if power is removed and then restored in an attempt to steal the vehicle, but it permits *authorized* power reconnection (such as after servicing).
- ☑ **Magnetic Resonance Sensor™**—Converts vibrations caused by forced entry attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ **Remote Panic**—Lets you remotely activate the SmartSiren if you or your vehicle are threatened.

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CLIFFORD

THE ULTIMATE IN AUTO SECURITY

90-105B/1188IG5-B

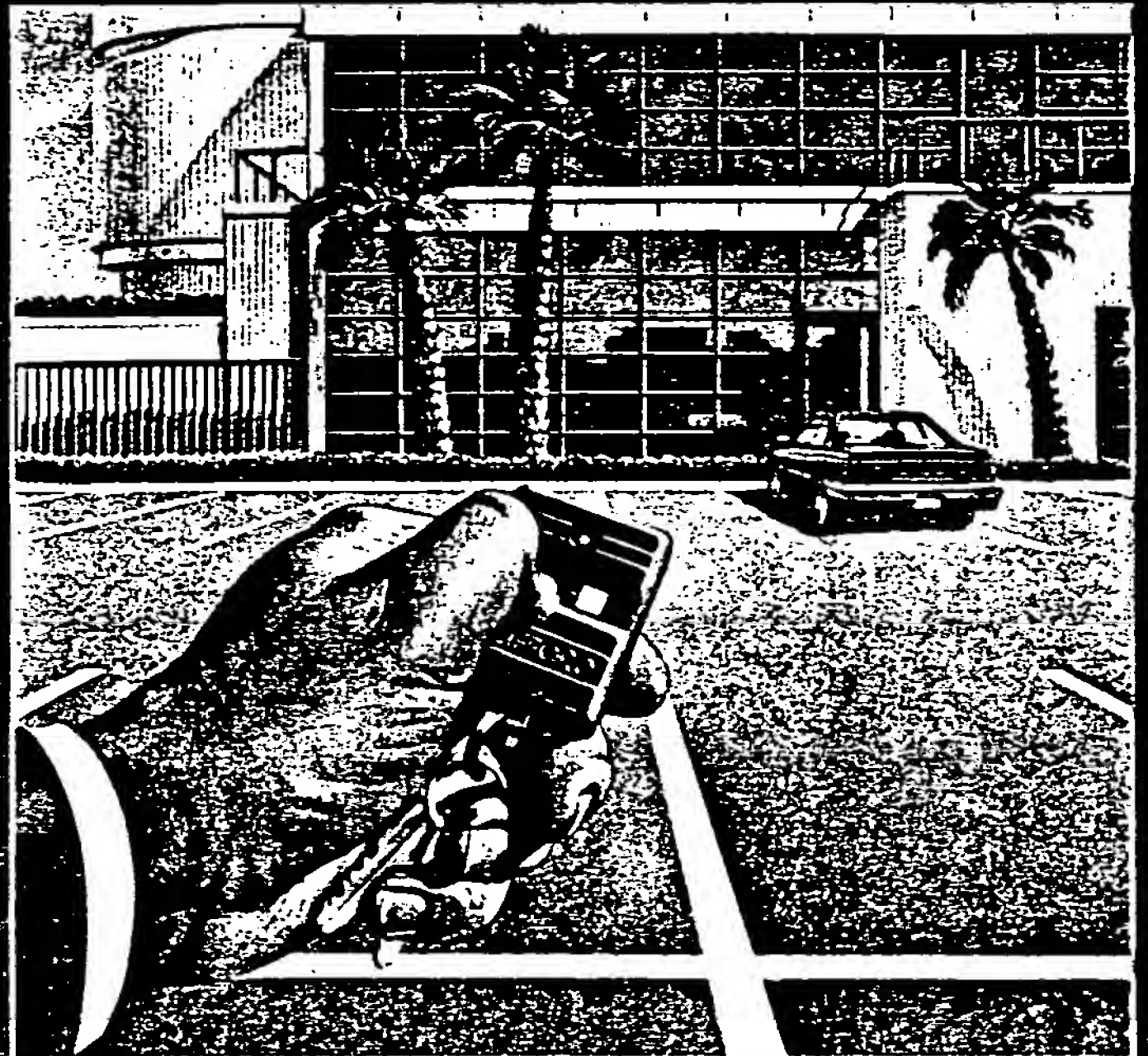
When you own a CLIFFORD
alarm, you name it!

'82 300SD champagne Clifford
alarm, xint cond. \$19,500
(hawkil)
'82 300SD Mint.Lthr int Alarm
(bez729)\$19.9K pp

All others are just generic.

CliffAlert™

An advanced technology
car alarm that
positively puts an end
to recurring false alarms



Clifford's exclusive patent-pending
FACT (False Alarm Control and Test)
makes recurring false alarms
a thing of the past.

CLIFFORD

THE ULTIMATE IN AUTO SECURITY

'85 TOYOTA XTRA CAB SR5, fuel inj, new chl,
air, htr, Clifford alarm, Alpine ster, new tmpr,
shpskns, 10M, xint cond, \$7800

'83 944 Blk., 37k mi, 911
whls, bra, snrf, Clifford alarm,
air, Grundig sound (11HJ147)
\$13,500 pp

'85 911 CARRERA wht/bk lthr,
F/loaded, snrf, Clifford alarm,
17M, Xint Cond. \$30,000 pp
(2clg578) wkdas.

'79 RX7 10 mi, xint cond, Clif-
ford alarm, 5sp, air, snrf \$4,200
000 (11H243) pp

'85 911 Carrera White exterior,
Black leather interior, Fully
loaded, Sunroof, Clifford alarm,
17,000 miles. Excellent con-
tion. \$33,000.
wkdays

'81 VW SCIROCCO S, gray, air, GTI eng, frnt &
r spoiler, Clifford alarm, GTI mags, Bilstein
BTS racing susp, foglts, Alpine ster, vy quick,
\$4900 obo

'79 BMW 320i, Blau Clifford, snrf, new tires,
brks, pnt, lks grt in & out, rns grt. \$5750 obo
call Chuck

'83 633CSI SHOWROOM COND.
wrrnty, Clifford alarm, low mi,
\$24.5K (1sva037) pp

'83 XJS Here it is! Has moon-
roof & Clifford alarm system.
Yours for \$22,222 (1HGC977)
BAUER JAGUAR

'79 911SC, 50M mi, snrf, blk,
Clifford alarm, pol whls, Cherry.
Pwr. Air. \$17,900. (006WXD)
P/P.

'85 CARRERAGREAT COND.
'85 Carrera Targa U.S. fully
loaded wht/bk, lthr, 6-way
pwr seats both sides, Clifd
am, Blaupunkt, NY stereo, po-
lished chrm whls, 33K mi. A
Gem...A Real Classic!! EXTEND-
ED MAINTENANCE 5 YRS/50K
MI IN FORCE & TRANSFERRA-
BLE!! (2BSW813). For more info
call Bob...Days
or Eves, Winds

'85 GTS Black/tan, 4,000 miles
Clifford alarm, (58525) \$53,900.
Symbolic Ferrari of La Jolla
440 La Jolla Bl.

'81 HONDA CIVIC, 2 dr, 5 spd, Pioneer ster, Clif-
ford alarm, reliable, \$2400

'83 3000 Turbo, all blk, 1 own,
immac, Clifford alarm, Cellular
phone, cover, 37M mi. \$16,250
(1HHS34) pp

'84 928S, blk/champagne int.
Clifford alarm, Alpine stereo,
MANY EXTRAS!! Pp \$33K
(1JMB870) 11-5

'78 911SC Targa, black/beige
cover, bra, Clifford alarm, P/p
\$17,000 (0090LB)

'83 190SL XLT COND, 2-tops.
Xtras incl Clifford alarm, Alpine
ster. All orig. Must sell. \$13,900,
obo. (qjm257) pp

'78 911SC Targa Petro blu 75K
mi. Loaded, Clifford alarm \$16K
OBO (385TXD) pp

'84 60008 5sp STK, 32,500 mi,
xint, 5yr warr. Alpine am/fm
cass w/cust. speakers & amp.
Cliff 3 alarm memory seat. Pp
\$17,000 (11H243) pp

Have you ever heard a car alarm go off for no apparent reason whatsoever? False alarms are caused by a myriad of reasons, yet none of them has anything to do with a burglary attempt. It's like the story of the boy who falsely and repeatedly cried wolf: when he really needed help, his cries were ignored because everyone believed it was just another false alarm.

So Clifford's research engineers developed **FACT** (*False Alarm Control and Test*), an advanced technology feature that *absolutely, positively prevents the recurring false alarms* that plague other manufacturers' alarms. This new breakthrough is a standard feature of the CliffAlert™ remote control car alarm. That means when your CliffAlert sounds *you will know for sure* that someone is tampering with your vehicle. This exceptional innovation, and others like it, put the CliffAlert on the leading edge of a new generation of *smart* alarms, yet it is one of the most reliable and affordable car alarms on the market.

The CliffAlert defies the conventional thinking that an inexpensive alarm has less quality and performance. The CliffAlert almost magically combines exceptional affordability, solid reliability, and an unsurpassed list of magnificent new features unavailable on any other manufacturer's alarm regardless of price.

The CliffAlert is also one of the most "user-friendly" car alarms available. You have total control of the alarm and selected convenience features from a typical range of 90 feet, yet operation is delightfully simple. Just a press of a button on the miniature keychain remote control will arm or disarm the alarm. Simultaneously, it will also automatically lock or unlock all your car doors! No more fumbling with keys in the dark or bad weather!

The versatile CliffAlert costs only a fraction of what you'd pay to replace a stolen stereo, yet provides a level of protection and convenience unavailable from any other company. Check out the CliffAlert's superior array of ingenious features and you'll be convinced:

Standard Features

- ☑ **FACT—False Alarm Control and Test**—An ingenious and patented Clifford innovation that absolutely, positively puts an end to recurring false alarms. Here's how it works: If an improperly adjusted sensor causes the alarm to sound, the CliffAlert microprocessor will automatically check for another activated trigger before sounding the siren a second time, thus preventing any further false alarms. Should the alarm sound again *you will know for sure that someone is tampering with your vehicle.*
- ☑ **Dual-Button/Dual-Channel Remote Control**—For security and convenience, button I transmits a unique digital code to arm, disarm and, in an emergency, "panic" the CliffAlert from a typical range of 90 feet. Button II can activate the vehicle's electric trunk release or your electric garage door (see Optional Accessories).



- ☑ **Remote Control Programmability**—Another Clifford exclusive. Your Authorized Clifford Dealer can instantly match additional remote controls to your CliffAlert (eliminating expensive custom coding). The code of a lost or stolen remote control can be deleted from the system just as easily. In contrast, changing the code on other manufacturers' alarms require that the main control unit be removed from the car and sent back to the factory, consequently leaving your vehicle vulnerable.

- ☑ **Advanced CMOS Microcomputer**—Large scale integration (LSI) microprocessor commands and monitors all system functions at the rate of more than 10,000 instructions per second, yet draws less power than your vehicle's clock.
- ☑ **Remote Door Lock/Unlock**—One press on button I of the remote control simultaneously arms the system *and* locks all doors, another press simultaneously disarms *and* unlocks. No more fumbling with keys in the dark or bad weather!
- ☑ **Hood/Trunk Trigger Input**—Allows for full perimeter protection.
- ☑ **Intrusion Attempt Alert**—Audibly alerts you—from a distance—if an intrusion attempt was foiled while you were away.
- ☑ **Magnetic Resonance Sensor**—Converts vibrations caused by forced entry attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ **High-Output Siren**—When an intrusion is attempted, the 120dB+ siren will scream for 30 secnds and then reset to continue protecting your vehicle.
- ☑ **LED Status Indicator**—Bright red flashing LED adds visual deterrence and identifies armed, disarmed and valet modes.
- ☑ **Accessory Trigger**—Simple connection permits protection of important accessories such as fog lights, hood ornament, external spare tire or will provide an extra level of protection to the vehicle's stereo.
- ☑ **Remote Panic Feature**—Lets you remotely activate the siren from inside or outside the car if you or your vehicle are threatened.
- ☑ **5-Year Warranty**—Clifford systems are renowned for their reliability, so this is one feature you'll probably never use. If the need ever does arise, it should comfort you to know that, unlike other manufacturers, Clifford *never* charges a "processing fee" to provide warrantied parts or service.

Optional Accessories

- ☐ **Additional Remote Controls**—Your installer can easily and instantly program in additional remote controls for other drivers of the vehicle. Your CliffAlert can respond to as many as four differently coded Clifford remote controls.
- ☐ **Garage Door Programmable Receiver (#60-215NX)**—Lets you command your electric garage door with button II on the CliffAlert remote control. It's more than just a matter of convenience. Your garage door remote control will be with you at all times, not left behind on your car's sun visor. You can install it yourself in minutes with just a screwdriver—no special skill or technical knowledge needed.
- ☐ **OmniSensor**—World's only all-electronic, microprocessor-controlled, *user-programmable sensor. Only the OmniSensor allows you to adjust its sensitivity any time, any place, without tools and without even knowing where the sensor is mounted!* For unprecedented accuracy, the OmniSensor digitally analyzes the critical exponents of all registered signals. The OmniSensor will unerringly detect all genuine threats and unfailingly ignore the non-threatening conditions that cause other sensors to false alarm.
- ☐ **IntelliSensor**—World's most advanced, fully automatic window tampering sensor eliminates false alarms; detects and verifies intrusion attempts before the glass can be broken.
- ☐ **Side Light Flasher**—Flashes the vehicle's side lights when the alarm sounds to draw even more attention to the vehicle.
- ☐ **Remote Trunk Release**—Use button II on the CliffAlert remote control to activate your vehicle's electric trunk release. It's the perfect feature when carrying an armload of packages or groceries.
- ☐ **125dB Dual Air Horns**—The loudest, most distinctive vehicle siren available.
- ☐ **Door-Mounted LEDs**—Flashing LEDs provide an extra level of deterrence to thieves and vandals.

Our customers do the best advertising for Clifford alarms

- '85 TOYOTA XTRA CAB SRS**, fuel inj, new shi. air, ntr. **Clifford alarm**, Alpine ster, new bonpr. shpskns, tom, xint cond, \$7800
- '83 944 Blk.**, 37k mi, 911 whis, bra, snrf, **Clifford alarm**, air, Grundig sound (11H7143) \$13,500 PP
- '85 911 CARRERA** wht/blk rhr, F/loaded, snrf, **Clifford alarm**, 17M, Xint Cond. \$30,000 PP (2clg578) wkdas.
- '79 RX7** lo mi, xint cond, **Clifford alarm**, 5sp, air, snrf \$2200 (11H243) PP
- '81 HONDA CIVIC**, 2 dr, 5 spd, Pioneer ster, **Clifford alarm**, by reliable, \$2400
- '85 911 Carrera** White exterior, Black leather interior, Fully loaded, Sunroof **Clifford alarm**, 17,000 miles. Excellent condition. \$33,000. P. wkdays
- '83 3000 Turbo** all blk, 1 own, immac, **Clifford alarm**, Cellular phone, cover, 97M od. \$16,250 (1HJH534) PP
- '84 928S** blk/champagne int. **Clifford alarm**, Alpine stereo, MANY EXTRAS. PP \$33K 11-5 (11MB870)
- '83 633CSL SHOWROOM COND.** wrrnty, **Clifford alarm**, low mi, \$24.5K (1sv8037) PP
- '83 XJS** Here it is! Has moonroof & **Clifford alarm** system. Yours for \$22,222 (1HGC977) **BAUER JAGUAR**
- '79 911SC** 50M ml Snrf. blk. **Clifford alarm**, pol whis. Cherry. Pwr. Air. \$17,900. (006WXD) P/P.
- '85 CARRERA GREAT COND.** '85 Carrera Targa U.S. fully loaded wht/blk, lther, 6-way pwr seats both sides, **Clifford alarm**, Blaupunkt, NY stereo, polished chrm whis, 33K mi. A Gem...A Real Classic!! EXTENDED MAINTENANCE 5 YRS/50K MI IN FORCE & TRANSFERABLE!! (2BSW813) For more info call Bob...Days or Eves/Wands
- '85 GTS Black/ten**, 4,000 miles **Clifford alarm**, (58525) \$53,900. Symone Ferrari of La Jolla 440 La Jolla Bl.
- '83 911SC Targa** black/beige cover, bra **Clifford alarm**, P/P \$17,000 (009018)
- '83 1900L XLNT COND** 2-tops. Xtras incl **Clifford alarm** Alpine ster. All orig. Must sell. \$13,900, obo. (qim257) PP
- '78 911SC Targa** Petrol blu 75K mi. Loaded **Clifford alarm** \$16K OBO (385TXU) PP
- '84 6000S** 5sp STK, 32,500 mi, xint, 5yr warr. Alpine am/fm cass w/cust. speakers & amp. **Cliff 3 alarm** memory seat. PP \$17,000 (11H243) PP

90-192A/ATB

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AT

Advanced Technology
car alarm
at an affordable price



With Clifford's renowned
FACT
False Alarm Control and Test
eliminates recurring false alarms

CLIFFORD

EXPECT THE MOST FROM THE BEST

The CliffAlarm AT (Advanced Technology) is one of the new generation of smart alarms from Clifford Electronics, the nation's leading manufacturer of high technology vehicle security and convenience systems. It is designed to protect the contents of your vehicle at a price substantially less than the cost of repairing damage caused by a burglar or the consequent increase in your insurance premium.

One of the most annoying shortcomings of conventional car alarms is the common false alarm. It is particularly exasperating if you are the owner of a vehicle equipped with an alarm afflicted with this ailment. False alarms are caused by a myriad of reasons, yet none of them has anything to do with an attempted burglary. The more often the system sounds false alarms, the less attention people pay to it. It's like the story of the boy who kept crying "Wolf!" Of course, you know how that story ended. When the wolf did attack, everyone believed it was just another false alarm.

In stark contrast, the CliffAlarm AT delivers an excellent level of protection against theft from your car without any recurring false alarms. This seemingly impossible attribute was achieved through ingenious, patent-pending circuitry (**FACT: False Alarm Control and Test**) that ***absolutely, positively prevents the recurring false alarms*** which plague all other manufacturers' systems. Even if an improperly adjusted sensor causes the alarm to sound, the CliffAlarm AT microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again ***you will know for sure that someone is tampering with your vehicle.***

This in part is why we call the CliffAlarm AT a "smart" alarm. Not only is it smart enough to distinguish between recurring false alarms and a *genuine* intrusion attempt, it will also automatically run a self-diagnostic check of all sensors and triggers.

At Clifford Electronics, we are fanatics about quality and reliability. We design our products to function at any temperature between -55° and $+250^{\circ}\text{F}$. From

the microchip design to the final test, our extensive engineering and manufacturing divisions design, produce and multi-test our innovative and reliable systems right here in the United States. We also have the industry's most extensive nationwide dealer network to service and sell our products.

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One look at the CliffAlarm AT's impressive standard features will convince you of its merits. Considering that the CliffAlarm AT is priced less than the cost of replacing a broken car window, we think you'll agree that you cannot afford to be without it.

Standard Features

- ☒ **FACT—False Alarm Control and Test**—An exclusive patent-pending Clifford innovation that ***absolutely, positively puts an end to recurring false alarms.*** Even if an improperly adjusted sensor causes the alarm to sound, the CliffAlarm AT microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again you will know for sure that someone is tampering with your vehicle.
- ☒ **Keychain Remote Control**—For security and convenience, the miniature remote control transmits a special digital code to arm, disarm and, in an emergency, "panic" the CliffAlarm AT from a typical range of 90 feet.
- ☒ **Remote Control Programmability**—Another Clifford exclusive. Should you desire, your Authorized Clifford Dealer can instantly match additional remote controls to the CliffAlarm AT (unlike other manufacturers' products, which require time-consuming and expensive custom coding). What's more, the code of a lost or stolen remote control can be changed just as easily. In contrast, changing the code on other manufacturers' alarms requires that the control unit be removed from the car and sent back to the factory, consequently leaving the vehicle vulnerable.

- ☑ **Advanced CMOS Microcomputer**—Large scale integration (LSI) microprocessor commands and monitors all system functions at the rate of more than 10,000 instructions per second, yet draws less power than your vehicle's clock.
- ☑ **Automatic Self-Diagnostics**—In the rare event of a sensor or trigger malfunction, the CliffAlarm AT will alert you of the problem and will even identify whether the malfunctioning point is a trigger or sensor, thus cutting down on costly trouble-shooting time.
- ☑ **Intrusion Attempt Alert**—Audibly alerts you—from a distance—if an intrusion attempt was foiled while you were away.
- ☑ **Magnetic Resonance Sensor™**—Converts vibrations caused by forced entry attempts into electromagnetic flux resulting in reliable electronic intrusion detection.
- ☑ **Electronic Siren**—110dB wail for 30 seconds when an intrusion is attempted. The system then will reset to keep protecting your vehicle. What's more, even if a door is left open in the wake of an attempted intrusion, the siren will sound for 3 minutes then will override the door trigger and *automatically* reset and re-arm, thus preventing battery drain or towing due to noise pollution.
- ☑ **Hood/Trunk Trigger Inputs**—Allow for full protection of engine compartment and trunk contents.
- ☑ **LED Status Indicator**—Bright red flashing LED adds visual deterrence and identifies armed and disarmed modes.
- ☑ **Remote Panic Feature**—Lets you remotely activate the siren—from inside or outside the car—if you or your vehicle are threatened.
- ☑ **5 Year Warranty**—Clifford systems are renowned for their reliability, so this is one feature you'll probably never use. If the need ever does arise, it should comfort you to know that, unlike other manufacturers, Clifford never charges a "processing fee" to provide warrantied parts or service.

Optional Accessories

- ☐ **Additional Remote Controls**—Your installer can easily and instantly program in additional remote controls for other drivers of the vehicle. The CliffAlarm AT can respond to as many as four differently coded Clifford remote controls.
- ☐ **IntelliSensor™**—World's most advanced, fully automatic window tampering sensor eliminates false alarms; detects and verifies intrusion attempts before the glass can be broken.
- ☐ **OmniSensor™**—World's only all-electronic, microprocessor-controlled, *user-programmable vibration/impact sensor. Only the Omni-Sensor allows you to adjust its sensitivity any time, any place, without tools and without even knowing where the sensor is mounted!* For unprecedented accuracy, the OmniSensor digitally analyzes the critical exponents of all registered signals. The Omni-Sensor will unerringly detect all genuine threats and unfailingly ignore the nonthreatening conditions that cause other sensors to false alarm.
- ☐ **Side-Light Flasher**—Flashes the vehicle's side lights when the alarm sounds to specifically identify the vehicle and draw even more attention from passersby.
- ☐ **125dB Dual Air Horns**—The loudest, most distinctive vehicle siren available.
- ☐ **Door-Mounted LEDs**—Flashing LEDs provide an extra level of deterrence to thieves and vandals.

CLIFFORD

THE ULTIMATE IN AUTO SECURITY

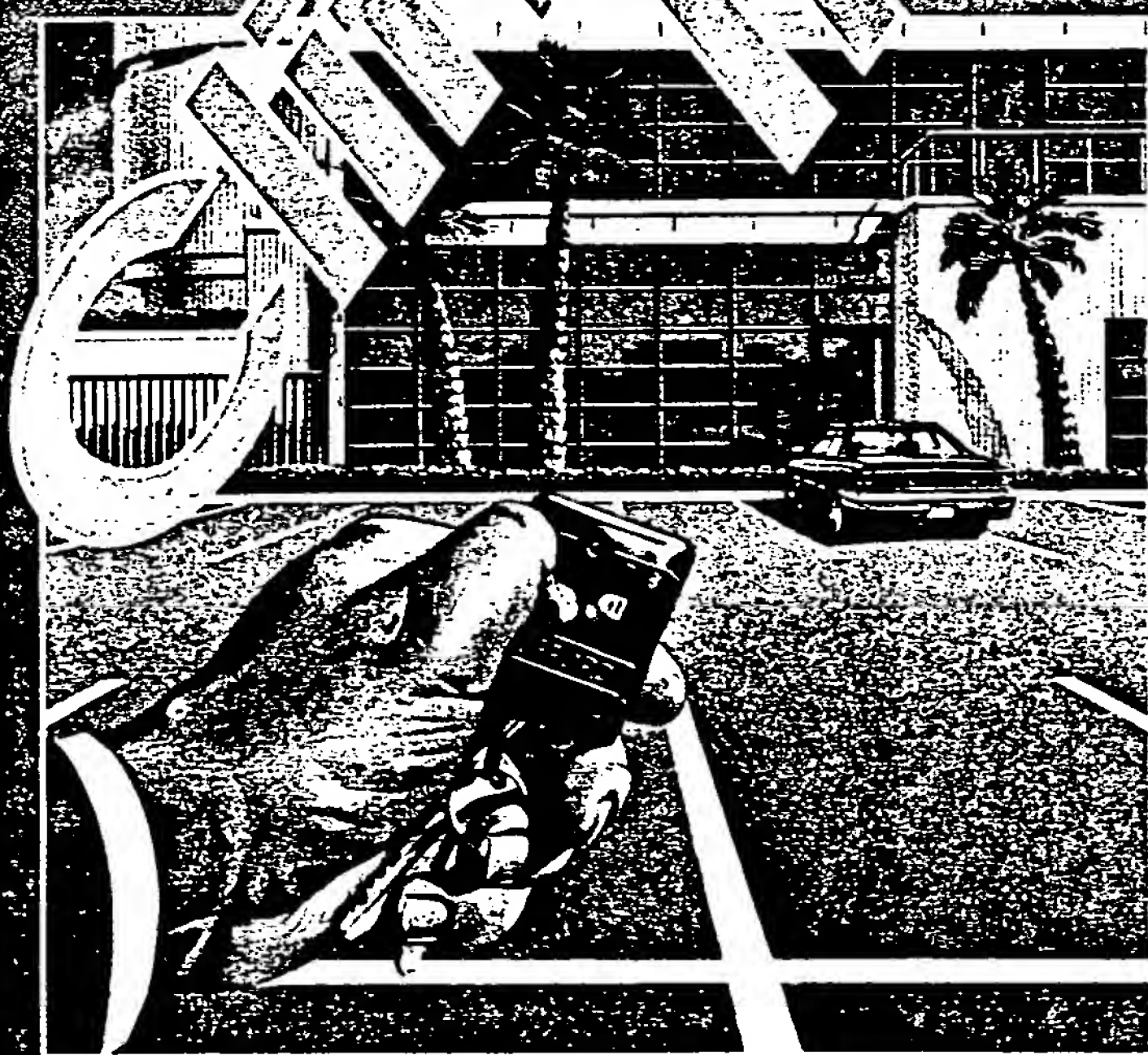
Optional Accessories

- ☐ **Additional Remote Controls** — For other drivers in your family, you can add up to a total of four Clifford remote controls of any types, codes or number of channels.
- ☐ **NightVision™** — You'll never touch your car's headlight switch again. NightVision automatically turns on the headlights when driving at dusk, off at dawn. It even turns them on when you turn on the windshield wipers. What's more, you can control the headlights and courtesy lights via your system remote control.
- ☐ **Garage Door Programmable Receiver™** — Control your garage door(s) with the remote control of your Super IPS II. Installs in minutes with just a screwdriver.
- ☐ **SmartWindows™ II** — Automatically closes your vehicle's power windows/sunroof every time you remotely arm your CliffAlert III. The SmartWindows II accessory also gives you complete remote control of your vehicle's power windows and/or sunroof.
- ☐ **Remote Trunk Release** — It's the perfect convenience when carrying an armload of packages.
- ☐ **IntelliStart™** — Remote engine starter will warm up the engine and heat or cool your car interior to the temperature setting of your choice.
- ☐ **Proximity Sensor™** — Passenger compartment radar sensor protects your car even if the windows are left open.
- ☐ **Shock Sensor™ S-D** — Glass tampering sensor unerringly detects attempts to break the windows.
- ☐ **High-Security 125dB Self-Powered Siren** — Keeps on wailing even if all the wires are cut!

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CLIFFORD

*Remote
controlled
smart
car alarm*



BEYOND EXCELLENCE

Clifford Electronics' CliffAlert III is a superior vehicle security system that offers an extensive array of user-friendly security and convenience features. A quality auto security system should unerringly detect intrusions, yet be totally impervious to conditions



that commonly cause false alarms. That's why Clifford Electronics developed and patented FACT — False Alarm Control and Test. **FACT absolutely, positively prevents recurring false alarms.**

For exceptional security, the CliffAlert III's AntiScan electronic countermeasure blocks code-generating scanners used by thieves to disarm conventional car alarms.

For exceptional convenience, the CliffAlert III lets you silently arm or disarm it *as you walk toward your car* without the usual siren "chirps." It's perfect when parking late at night so you won't disturb your neighbors or wake the kids. Only Clifford lets you control the chirps with the remote control!

And there's so much more. Even a cursory look at CliffAlert III's extensive list of standard features will convince you that the CliffAlert III delivers the best value for your money.

It will also comfort you to know that the performance of the CliffAlert III is matched by its reliability. It was designed, developed, manufactured and multi-tested in the USA by Clifford Electronics, the epitome of innovation, reliability and quality in high-technology vehicle security.

Standard Features

- ☒ **FACT™—False Alarm Control and Test—**
An exclusive and patented Clifford innovation that ***absolutely, positively puts an end to recurring false alarms.*** If an improperly adjusted sensor causes the alarm to sound, the CliffAlert III microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again ***you will know for sure*** that someone is tampering with your vehicle.
- ☒ **Lifetime Warranty—**This is one feature you will probably never use since Clifford systems are renowned for their reliability. But it should comfort you to know that for as long as you own the vehicle, Clifford will repair or replace the security components free of charge — unlike other alarm manufacturers that charge "processing fees" and "handling charges."
- ☒ **Dual-Button/Triple-Channel Remote Control—**
Button I controls the security features: It will arm, disarm and, in an emergency, "*panic*" the system from a typical range of 100 feet. Button II activates convenience options such as remote window and sunroof control, the remote headlight activation feature of the NightVision accessory, the vehicle's trunk release, an electric garage door or even remotely start the car's engine, heater, defroster or air conditioner. Press *both* buttons and the system will ***silently*** arm or disarm without the usual siren "*chirps*."
- ☒ **AntiScan™—**Professional thieves defeat run-of-the-mill car alarms with code-generating "*scanners*" that rapidly transmit one remote control code after another. AntiScan blocks scanner codes to prevent disarming.
- ☒ **MultiRemote™ Recognition—**A few flicks of a switch lets you match up to 4 Clifford remote controls to the system regardless of type, code or number of channels. Just as easily, the code of a lost or stolen remote can be deleted.

Two-Car Control—You can command Clifford equipped vehicles with the remote control.

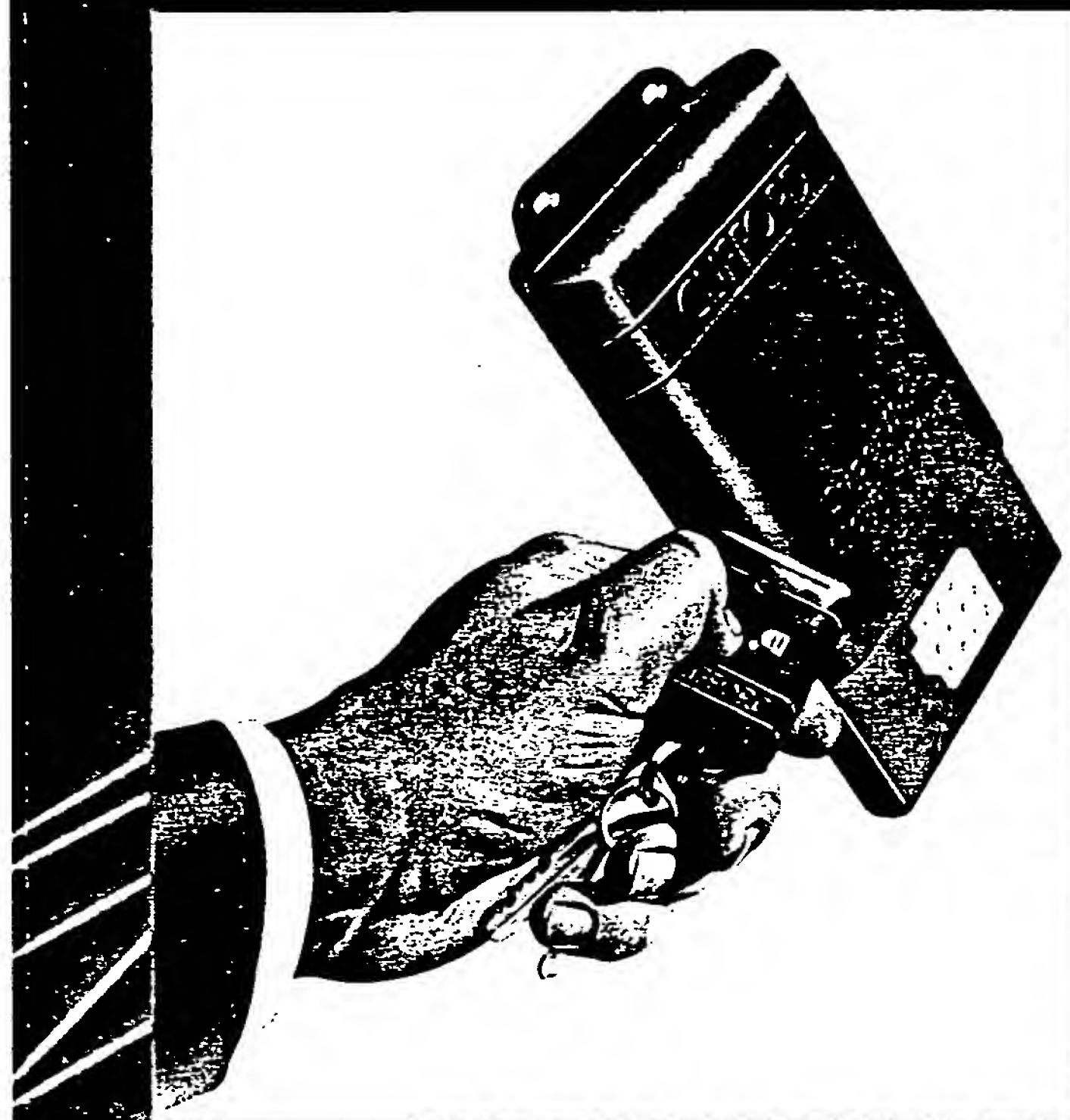
- ☒ **Remote Controlled Chirp Muting**—Lets you mute the chirps on the go from *outside the car without any pre-planning! Just a press on both* buttons of the remote control does the trick.
- ☒ **Remote Door Lock/Unlock Outputs**—*No more fumbling with keys in the dark or bad weather!* One press of a button on the remote control simultaneously arms the system and locks all doors. Another press disarms and unlocks. (Some vehicles require an optional adaptor.)
- ☒ **TotalRecall™**—CliffAlert III's non-volatile memory automatically stores and permits you, at any time, to recall the identity of the last trigger or sensor activated while the system was armed. This provides an invaluable informational and diagnostic means.
- ☐ **AutoTesting™**—Every time the system is remotely armed, it instantly and automatically performs comprehensive testing of all system triggers and sensors. If a malfunction is found, the system will audibly and visually alert you of the problem.
- ☐ **Malfunction AutoBypass™**—In the unlikely event of a trigger or sensor malfunction, the CliffAlert III will automatically bypass the problem and arm all other points.
- ☐ **Prior Intrusion Attempt Alert**—When disarmed with the remote control, the CliffAlert III audibly and visually alerts you — from a distance — if an intrusion attempt was foiled while you were away.
- ☐ **Magnetic Resonance Sensor™**—Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection and wider-perimeter protection than other alarm sensors.

- ☑ *Made in the USA*—U.S.-designed and manufactured to the most rigorous standards.
- ☑ *Built-In Parking Light Flasher*—Provides visual confirmation of arming, disarming, prior intrusion attempt, AutoTesting and alarm conditions.
- ☑ *Tampering Warning*—You can set the system to issue a rapid five-chirp warning whenever CliffAlert III detects any tampering to the exterior of the vehicle. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, CliffAlert III will sound a continuous 125dB siren blast.
- ☑ *High-Output Siren*—*Loud* 125dB siren scream. If a door is left open in the wake of an intrusion, the CliffAlert III limits alarm sounding to 3 minutes, ensuring against excessive battery drain or towing of the vehicle due to noise pollution. It then re-arms all other points to provide the utmost possible protection.
- ☑ *Remote Panic Feature*—If you are threatened, you can remotely activate the siren and flashing parking lights from a distance.
- ☑ *Hood/Trunk Trigger Input*—Allows for full perimeter protection of the engine compartment and trunk contents.
- ☑ *LED Status Indicator*—Adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☑ *Protected Valet Mode*—Permits vehicle servicing and valet parking without relinquishing the remote control.

Optional Accessories

- ☐ **Additional Remote Controls**—For other drivers of the vehicle, just pick up any Clifford 16,000-code remote control, regardless of its code, from any Authorized Clifford Dealer. To mate it to your Super IPS, all it takes is a few flicks of a switch and a press of a button!
- ☐ **Garage Door Programmable Receiver (#60-215NX)**—Lets you command your electric garage door with button II on the remote control. It's more than convenient: Your garage door remote control will be on your keychain and with you at all times, not left behind on your car's sun visor as a bonus to any thief. You can install the Programmable Receiver in minutes with just a screwdriver—no special skill or technical knowledge needed.
- ☐ **OmniSensor™**—World's only all-electronic, microprocessor-controlled, user-programmable sensor. *Only the OmniSensor allows you to adjust its sensitivity any time, any place, without tools and without even knowing where the sensor is mounted!* For unprecedented accuracy, the OmniSensor digitally analyzes the critical exponents of all registered signals. It unerringly detects all genuine threats and unfailingly ignores the non-threatening conditions that cause other sensors to false alarm.
- ☐ **Proximity Sensor™**—A surface mounted technology (SMT) sensor that scans the space inside the passenger compartment. This makes it extraordinarily effective in protecting convertible, T-top, soft-top and no-top vehicles.
- ☐ **IntelliSensor™**—World's most advanced, fully automatic window tampering sensor eliminates false alarms; detects and verifies intrusion attempts *before* the glass can be broken.
- ☐ **Side Light Flasher**—Flashes the vehicle's side lights when the alarm sounds to draw even more attention from passersby.
- ☐ **Audible Status Indicator**—Emits subtle but distinct beeping tones when the system is armed to provide an extra level of deterrence to thieves and vandals.

The Absolute Cure for the Common False Alarm



Super IPS™
Integrated Protection System

from

CLIFFORD
THE ULTIMATE IN AUTO SECURITY

What's so super about the advanced technology of the Super IPS™ auto security system? **Plenty!**

The most annoying shortcoming of car alarms is the common false alarm. It is particularly exasperating if you are the owner of a vehicle equipped with an alarm afflicted with this ailment. Fortunately, Clifford Electronics' research engineers have developed the cure for the common false alarm—**FACT: False Alarm Control and Test**. This new breakthrough is a standard feature of the Super IPS.

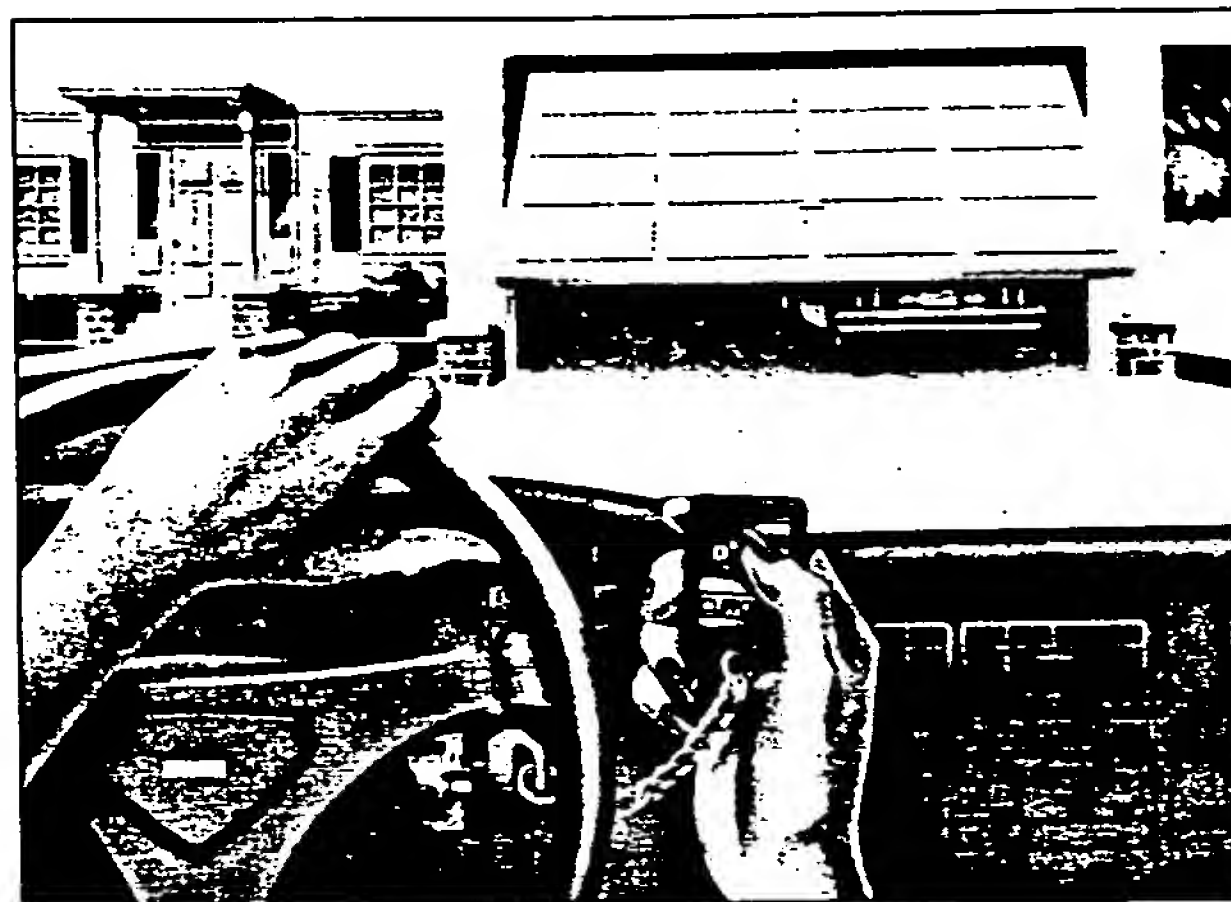
All other car alarms are susceptible to recurring false alarms. False alarms are caused by a myriad of reasons, yet none of them has anything to do with an attempted burglary. Of course you know the outcome of the story about the boy who falsely and repeatedly cried wolf.

In stark contrast, when your Super IPS sounds ***you will know for sure*** that someone is tampering with your vehicle. That's because the Super IPS artificial intelligence algorithm and high-performance microprocessor are adroitly integrated to ***absolutely, positively put an end to recurring false alarms***. This exceptional innovation, and others like it, put the Super IPS on the leading edge of a new generation of ***smart alarms***.

The Super IPS is endowed with many other innovations and features that other manufacturers don't yet have on their wish lists, let alone in their alarms.

In addition to peace of mind and curing the problem of recurring false alarms, the artificial intelligence of the Super IPS makes the system truly user-friendly. In the rare event of a trigger or sensor malfunction, the system will audibly alert you of the problem and will automatically bypass the defective part to keep the

system operational and your car protected. If someone tampers with your vehicle during your absence, upon your return the Super IPS will warn you from a distance of the prior attempt.



The system's beautifully sculptured keychain remote control does more than command the Super IPS from a typical range of 100 feet. It can also activate your electric garage door with the optional Garage Door Programmable Receiver (see Optional Accessories). No longer will your garage door remote control be left behind on the car's sun visor as a bonus to any thief.

You can add, at will, additional remote controls, or delete from the system's memory the code of a lost or stolen remote control, with a few flicks of a switch and a press of a button. All other manufacturers' alarms require that the control unit be removed from the car and sent back to the factory in order to change the remote control code, consequently leaving your vehicle vulnerable.

Perhaps the most impressive feature of the Super IPS is its surprising affordability: it's designed to meet virtually every budget objective. Even a cursory look at the many remarkable features of the Super IPS will convince you of its unique attributes and value:

Standard Features

☑ **FACT™—False Alarm Control and Test**—An ingenious and exclusive Clifford innovation that ***absolutely, positively puts an end to recurring false alarms***. Here's how it works: If an improperly adjusted sensor causes the alarm to sound, the Super IPS microprocessor will automatically check for another activated sensor or trigger before sounding the siren a second time. Should the alarm sound again ***you will know for sure that someone is tampering with your vehicle***.

☑ **Dual-Button Remote Control**—For security and convenience, button I transmits a special digital code to arm, disarm and, in an emergency, "panic" the Super IPS from a typical range of 100 feet. Button II can activate your electric garage door affording you greatly increased security and convenience. Just purchase the optional Garage Door Programmable Receiver (see Optional Accessories) and install it yourself in minutes.

☑ **Remote Control Programmability**—Another Clifford exclusive. You can match additional remote controls to your Super IPS with a just a few flicks of a switch and a press of a button. Just as easily, you can delete the code of a lost or stolen remote control.

☑ **Advanced CMOS Microcomputer**—Large scale integration (LSI) microprocessor commands and monitors all system functions at the rate of more than 100,000 instructions per second, yet draws less power than your vehicle's clock.

☑ **Defect AutoBypass™**—In the unlikely event of a trigger or sensor malfunction, the Super IPS will alert you of the problem, automatically bypass the defective point, and will arm all other points to continue relentless protection of your vehicle. It even identifies whether the malfunctioning point is a trigger or sensor, thus cutting down on costly trouble-shooting time.

- ☑ **Prior Intrusion Attempt Alert**—Audibly alerts you—from a distance—if an intrusion attempt was foiled while you were away.
- ☑ **Magnetic Resonance Sensor™**—Converts vibrations caused by forced entry attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ **Starter Disable**—Prevents an intruder from starting the engine.
- ☑ **High-Output Siren**—120dB+ wail for 30 seconds any time an intrusion is attempted. Even if the door is left open in the wake of an intrusion, special circuitry will limit siren duration to 3 minutes. The system then automatically will reset and re-arm to protect against further attempts as well as prevent battery drain or towing due to noise pollution.
- ☑ **Hood/Trunk Trigger Input**—Allows for full protection of engine compartment and trunk contents.
- ☑ **LED Status Indicator**—Bright red flashing LED adds visual deterrence and identifies armed, disarmed and valet modes.
- ☑ **SmartPowerUp™**—Sounds siren if power is removed and then restored in an attempt to steal the vehicle, but permits *authorized* power reconnection.
- ☑ **Remote Panic Feature**—Lets you remotely activate the siren from inside or outside the vehicle if you or your vehicle are threatened.
- ☑ **Valet Mode**—Permits vehicle servicing and valet parking without relinquishing the remote control.
- ☑ **5-Year Warranty**—Clifford systems are renowned for their reliability, so this is one feature you'll probably never use. If the need ever does arise, Clifford, unlike other alarm manufacturers, never charges "processing fees" or "handling charges" to provide warranty testing, parts or service.

- ❑ **Remote Trunk Release**—Allows you to open the trunk from as far as 90 feet away. It's the perfect convenience when carrying an armload of packages or groceries.
- ❑ **Garage Door Programmable Receiver**—Lets you command your electric garage door with button II on the remote control. It's more than convenient: Your garage door remote control will be on your keychain and with you at all times, not left behind on your car's sun visor as a bonus to any thief. You can install the Programmable Receiver in minutes with just a screwdriver—no special skill or technical knowledge needed.
- ❑ **OmniSensor™**—World's only *all-electronic, microprocessor-controlled, user-programmable* sensor. Only the OmniSensor allows you to adjust its sensitivity any time, any place, without tools and without even knowing where the sensor is mounted! For unprecedented accuracy, the OmniSensor unerringly detects all genuine threats and unfailingly ignores the non-threatening conditions that cause other sensors to false alarm.
- ❑ **Proximity Sensor™**—A three-dimensional sensor that scans the space inside the passenger compartment. This makes it extraordinarily effective in protecting convertible, T-top, soft-top and no-top vehicles.
- ❑ **IntelliSensor™**—World's most advanced, automatic, self-calibrating window tampering sensor eliminates false alarms; detects and verifies intrusion attempts *before* the glass can be broken.
- ❑ **Self-Powered Siren**—Keeps on wailing even if a thief cuts all the wires. Comes with two security override keys.
- ❑ **Audible Status Indicator**—Emits subtle but distinct beeping tones when the system is armed to provide an extra level of deterrence to thieves and vandals.

MADE IN USA

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Super IPS™ II

Integrated Protection System



*The Absolute Cure
for the
Common False Alarm*

CLIFFORD

THE ULTIMATE IN AUTO SECURITY

What's so super about the advanced technology of the Super IPS™ II vehicle security system? **Plenty!**

The most annoying shortcoming of car alarms is the common false alarm. It's particularly exasperating if *your* vehicle's alarm is afflicted with this ailment. Fortunately, Clifford Electronics' research engineers have developed the cure for the common false alarm—**FACT: False Alarm Control and Test**. This new breakthrough is a standard feature of the U.S.-made, second-generation Super IPS II.

All other car alarms are susceptible to recurring false alarms. False alarms are caused by a myriad of reasons, yet none of them have anything to do with attempted burglary. Of course you know the story about the boy who falsely and repeatedly cried wolf.

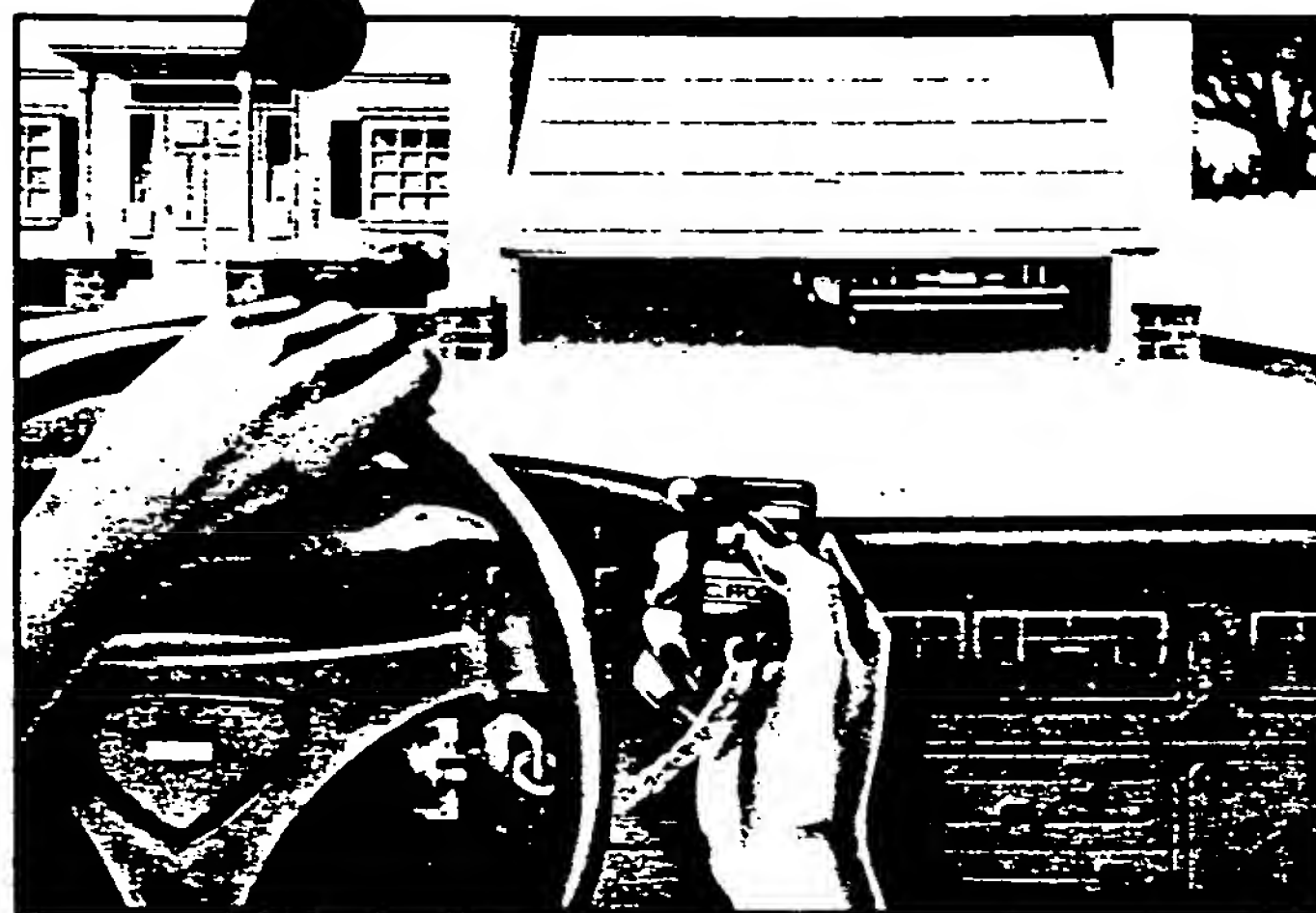
In stark contrast, when your Super IPS II sounds *you will know for sure* whether someone is tampering with your vehicle. That's because the Super IPS II artificial intelligence algorithm and high-performance microprocessor are adroitly integrated to ***absolutely, positively put an end to recurring false alarms***. This exceptional innovation, and others like it, put the Super IPS II on the leading edge of a new generation of *smart alarms*.

The Super IPS II is endowed with many other innovations and features other manufacturers don't yet have on their wish lists, let alone in their alarms.

In addition to peace of mind and curing the problem of recurring false alarms, the Super IPS II is truly user-friendly. In the rare event of a trigger or sensor malfunction, it will audibly and visually alert you of the problem and automatically bypass the defect to keep the system operational and your car protected.

If someone tampers with your vehicle during your absence, upon your return the Super IPS II will warn you at a distance of the prior attempt.

What's more, the Super IPS II now has a built-in parking light flasher. If an intrusion is attempted, the Super IPS II will sound its high-output siren *and* flash your car's parking lights to draw even more attention to your vehicle. The parking lights will also flash distinct confirmations when you arm and disarm the Super IPS II with its keychain remote control, which can also optionally control your electric garage door, a remote trunk release or a Clifford system on your second vehicle.



The Super IPS II also has our **AutoArming™** (*"passive"*) feature. It actually arms *itself* if you forget! This may qualify you for an insurance discount that may pay for the system.

To top it all off, we back up the Super IPS II with a lifetime warranty.

Standard Features

- ☑ **Lifetime Warranty**—This is one feature you will probably never use since Clifford systems are renowned for their reliability. But if you do, it should comfort you to know that for as long as you own the vehicle, Clifford will repair or replace the security components free of charge — unlike other alarm manufacturers that charge *"processing fees"* and *"handling charges."*
- ☑ **FACT™—False Alarm Control and Test**—An exclusive Clifford innovation that ***absolutely, positively puts an end to recurring false alarms***. If an improperly adjusted sensor causes the alarm to sound, the Super IPS II microprocessor will automatically check for another activated sensor or trigger before sounding the siren a second time. If the alarm sound again *you will know for sure* that someone is tampering with your car.
- ☑ **Dual-Button/Dual-Channel Remote Control**—Just a press of a button on the remote control will arm, disarm and, in an emergency, *"panic"* the Super IPS II from a typical range of 90 feet. Button II can optionally control SmartWindows, a remote trunk release, your electric garage door or a Clifford system on your second car.

- ☑ **Remote Control Programmability**—You can match additional 2, 4, or 8 channel remote controls to your Super IPS II with just a few flicks of a switch. Just as easily, you can delete the code of a lost or stolen remote control.
- ☑ **Built-In Parking Light Flasher**—The parking lights will flash once when you remotely disarm and twice when armed. If an intrusion is attempted, the Super IPS II will repeatedly flash the parking lights in addition to sounding the siren.
- ☑ **AutoArming™**—Automatically (“passively”) arms itself if you forget to arm it with the remote control. This may qualify you for an insurance discount that may pay for the system in a short time (consult your insurance agent).
- ☑ **AutoArming Enable/Disable**—If you wish, you may deactivate or reactivate, at will, the AutoArming feature with just a few flicks of a switch.
- ☑ **Advanced CMOS Microcomputer**—Large scale integration (LSI) microprocessor commands and monitors all system functions more than 10,000 times per second, yet draws less power than your vehicle’s clock.
- ☑ **AutoDiagnostics™**—Every time you arm the system with the remote control, the Super IPS II will instantly perform a comprehensive test of all system triggers and sensors.
- ☑ **Defect AutoBypass™**—In the unlikely event of a trigger or sensor malfunction, the Super IPS II will audibly and visually alert you of the problem, automatically bypass the defective point, and then will arm all other points to *continue* relentless protection of your vehicle. The Super IPS II even identifies whether the malfunction is a trigger or sensor, thus cutting down on costly trouble-shooting time.
- ☑ **Magnetic Resonance Sensor™**—Converts vibrations caused by forced entry attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ **Starter Disable**—Prevents an intruder from starting the engine.

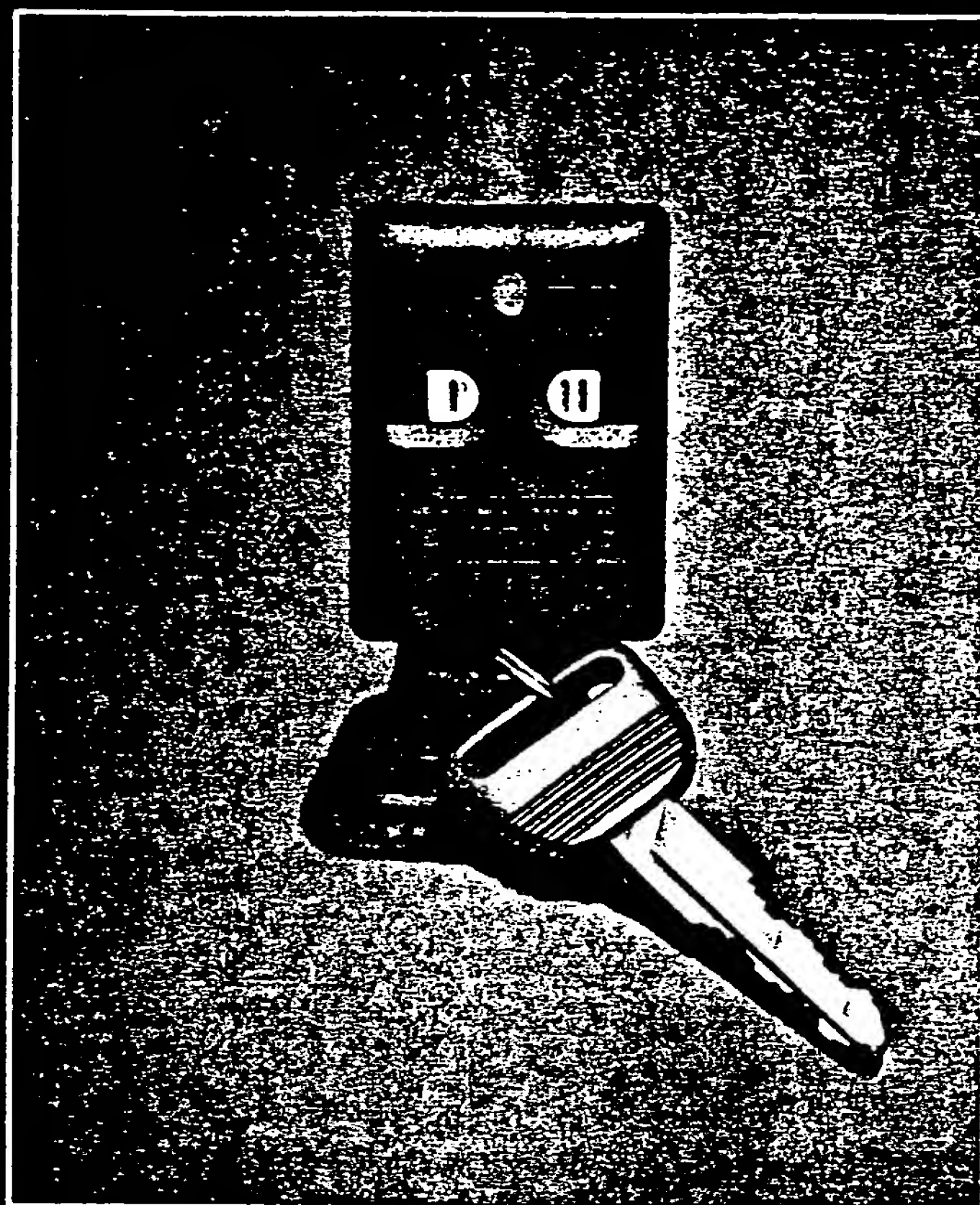
- ☒ **High-Output Siren**—High-output siren wail for 30 seconds any time an intrusion is attempted. The Super IPS II electronics limit alarm sounding to no more than 3 minutes, thus ensuring against excessive battery drain or towing of the vehicle due to noise pollution.
- ☒ **Prior Intrusion Attempt Alert**—Audibly and visually alerts you—from a distance—if an intrusion attempt was foiled while you were away.
- ☒ **Hood/Trunk Trigger Input**—Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches).
- ☒ **LED Status Indicator**—Bright red flashing LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☒ **SmartPowerUp™**—Sounds the siren and repeatedly flashes the parking lights if power is removed and then restored in an attempt to steal your car, but permits *authorized* power reconnection.
- ☒ **Remote Panic Features**—Remotely activate the siren and parking lights from inside or outside the car if you or your vehicle are threatened.
- ☒ **Valet Mode**—Permits vehicle servicing and valet parking without relinquishing the remote control.

Optional Accessories

- ☐ **Additional Remote Controls**—For other drivers of the vehicle, you can easily add 2, 4, and 8 channel remote controls to your Super IPS II with a few flicks of a switch.
- ☐ **SmartWindows™ II**—For maximum safety and security, the unique Clifford SmartWindows II automatically closes the power windows/sunroof when you arm your Super IPS II with the remote control. SmartWindows II gives you total command of the windows/sunroof via the remote control — open or close them, fully or just a crack — from up to 90 feet away.

Delta III™

Advanced Technology
Vehicle Security System



With Clifford's renowned

FACT

False Alarm Control and Test

**The absolute cure
for the
common false alarm**

- ☐ **OmniSensor™**—World's only all-electronic, micro-processor-controlled, *user-programmable vibration/impact sensor*. *Only the Omni-Sensor allows you to adjust its sensitivity with a flick of a switch any time, any place, without any tools and without even knowing where the sensor is mounted!* For unprecedented accuracy, the OmniSensor will unerringly detect all genuine threats and unfailingly ignore the non-threatening conditions that cause other sensors to false alarm.
- ☐ **IntelliSensor™**—World's most advanced, fully automatic window tampering sensor eliminates false alarms; detects and verifies intrusion attempts *before* the glass can be broken.
- ☐ **Remote Trunk Release**—Allows you to open the trunk from as far as 100 feet away. It's the perfect convenience when carrying an armload of packages or groceries.
- ☐ **SmartDoors™/SmartLights™**—An exclusive Clifford module (SmartURAD #60-560) adds all these outstanding features to your Delta III:
 - ☒ **AutoLock™**—For the safety of you and your passengers, when you turn your ignition key to the "ON" position, the Delta III automatically locks all the vehicle doors.
 - ☒ **AutoUnlock™**—Automatically unlocks the doors for you and your passengers when you turn off the ignition. (If you wish, your installer can disable or re-enable the AutoLock and AutoUnlock features.)
 - ☒ **Arm/Disarm Confirmation**—Your vehicle's parking lights will flash twice when you arm the system with the remote control and once when you disarm.
 - ☒ **Visual Alert**—If an intrusion is attempted, the Delta III, in addition to sounding the siren, will repeatedly flash the parking lights for as long as the siren sounds.
- ☐ **Audible Status Indicator**—Emits subtle but distinct beeping tones when the system is armed to provide an extra level of deterrence to thieves and vandals.

The Clifford Delta III™ is an advanced technology remote control vehicle security system packed with imaginative security and convenience features. One of the many unique aspects of this wonderfully user-friendly system is the patented **FACT** (False Alarm Control and Test) feature that **absolutely, positively prevents recurring false alarms.**



For your convenience and personal safety, the miniature keychain remote control will command the alarm from as far away as 100 feet. With just one press on a button you simultaneously arm the alarm and lock the car's doors.

Another press disarms and unlocks all doors. Say goodbye forever to fumbling with keys in the dark or bad weather. What's more, when you disarm the alarm with the remote control, the Delta III automatically turns on the vehicle's interior courtesy lights to give you, at night, a clear view of your vehicle's interior **before** you enter. The courtesy lights will stay lit for 30 seconds or until you start the engine.

If your vehicle is driven by more than one driver, you can add more remote controls, or delete the code of a lost or stolen one, with a few flicks of a switch and a press of a button.

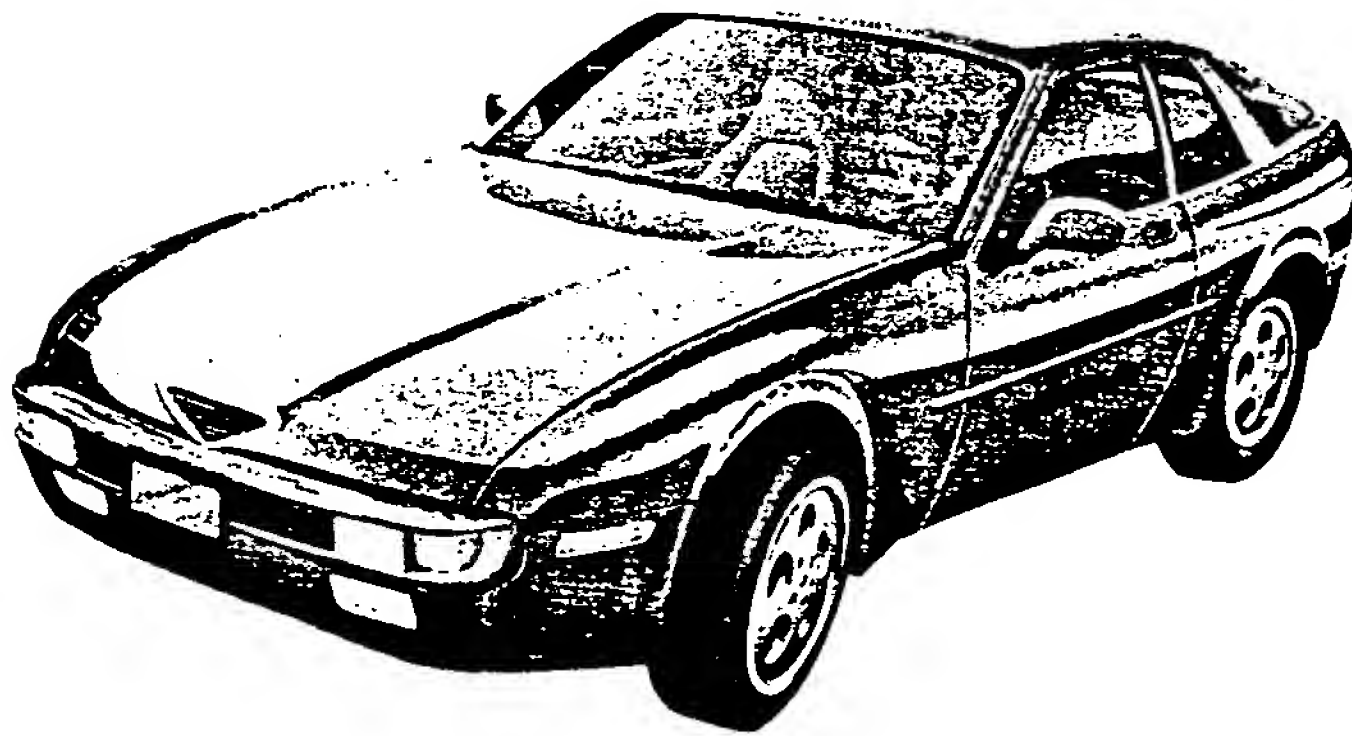
You have invested a substantial sum of money in your car, yet you must leave this substantial investment parked out on the street where it's easy prey to thieves and vandals. The Delta III will unerringly protect your investment. In fact, the Delta III may more than pay for itself since its ("passive") AutoArming feature may entitle you to a substantial discount on your insurance premiums (check with your insurance agent).

In addition to peace of mind, the Delta III will **actually enhance your lifestyle.** You may add optional features that automatically lock/unlock the doors or give you **complete remote command of your vehicle's windows, sunroof, trunk release, garage door or even start your engine all with just a press of a button on the miniature keychain remote control (see Optional Accessories listing).**

Standard Features

- ☑ **FACT™—False Alarm Control and Test**—An exclusive and patented Clifford innovation that **absolutely, positively puts an end to recurring false alarms.** Here's how it works: If a improperly adjusted sensor causes the alarm sound, the Delta III microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again **you will know for sure** that someone is tampering with your vehicle.
- ☑ **Dual-Button/Dual-Channel Remote Control**—For security and convenience, button I will arm/disarm and, in an emergency, "panic" the Delta III from a typical range of 100 feet. Button II, optionally, can activate SmartWindows, the vehicle's trunk release or your electric garage door (see Optional Accessories).
- ☑ **Programmable Remote Control**—For other drivers of the vehicle, this remarkable feature lets you instantaneously match to your Delta III, with a mere flick of a switch and press of a button, up to three additional Clifford remote controls regardless of their specific codes! Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **AntiScan™**—An electronic countermeasure that makes certain your system code is unbreachable. Thieves can disarm run-of-the-mill car alarms with an electronic "scanner" that rapidly transmits one remote control code after another. Your Delta III's microprocessor will block out any codes generated by an illicit scanner.
- ☑ **Advanced CMOS Microcomputer**—Very large scale integration (VLSI) microprocessor commands and monitors all system functions at the rate of more than 100,000 instructions per second, yet draws less power than your vehicle's clock.
- ☑ **Remote Door Lock/Unlock**—No more fumbling with keys in the dark or bad weather! One press on button I of the remote control arms the system **and** locks all the car doors, another press disarms **and** unlocks. (Some vehicles require an optional door lock adaptor.)

- ☑ **Smart Courtesy Lighting™**—For your safety and convenience, the vehicle's interior courtesy light will turn on when you disarm the system with the remote control. It will remain on until you start the engine or for 30 seconds. If an intrusion is attempted, the Delta III, in addition to sounding the siren, will also repeatedly flash the interior light for as long as the siren sounds, drawing even more attention to the vehicle. (If you wish, your installer can set the interior light to stay on continuously during an intrusion attempt.)
- ☑ **AutoArming™**—The Delta III will arm itself automatically ("passively") if you forget to arm it with the remote control. This may qualify you for an insurance discount that may pay for the system (check with your insurance agent).
- ☑ **AutoArming Enable/Disable**—You may disable or re-enable, at will, the AutoArming feature with just a few flicks of a switch.
- ☑ **Self-Diagnostics™**—Every time you arm the system with the remote control, the Delta III will instantly perform a comprehensive test of all system triggers and sensors. If a defect is found, the system audibly alerts you of the problem *and* identifies whether the malfunction is a trigger or sensor, thereby cutting down on costly trouble-shooting time.
- ☑ **Defect Bypass™**—In the unlikely event of a trigger or sensor malfunction, you can easily bypass the defect and arm all other points to continue relentless protection of your vehicle.
- ☑ **Magnetic Resonance Sensor™**—Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection.



- ☒ **Prior Intrusion Attempt Alert**—When you disarm the system with the remote control, it will audibly alert you—from a distance—if an intrusion attempt was foiled while you were away.
- ☒ **High-Output Siren**—*Loud* 120dB+ siren scream.
- ☒ **LED Status Indicator**—Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☒ **Starter Disable**—Prevents an intruder from starting the engine.
- ☒ **Hood/Trunk Trigger Input**—Allows for full protection of engine compartment and trunk contents.
- ☒ **Accessory Trigger**—Permits protection of important accessories such as fog lights, hood ornament, exposed spare tire or will provide an additional level of protection to the vehicle's stereo.
- ☒ **SmartPowerUp™**—Sounds siren if power is removed and then restored in an attempt to steal the vehicle, but permits *authorized* power reconnection.
- ☒ **Remote Panic Feature**—Lets you remotely activate the siren from inside or outside the vehicle if you or your car are threatened.
- ☒ **Valet Mode**—Permits vehicle servicing and valet parking without relinquishing the remote control.

Optional Accessories

- ☐ **Additional Remote Controls**—For other drivers of the vehicle, you can easily and instantly program up to three additional remote controls with just a few flicks of a switch and a press of a button!
- ☐ **Garage Door Programmable Receiver (#60-215NX)**—Command your electric garage door with button II of the Delta III remote control. Your garage door remote control will be on your keychain and with you at all times, not left behind on your car's sun visor as a bonus to any thief. You can install the Programmable Receiver yourself in minutes with just a screwdriver—no special skill or technical knowledge needed.
- ☐ **SmartWindows™**—For maximum convenience and security, SmartWindows gives you total command of the vehicle's power windows and sunroof via the remote control—open or close them, fully or just a crack—from up to 100 feet away.

- ☑ **Fault-Proof Starter Interrupt™**—Prevents an intruder from starting the engine, but allows you to start it even in the event of a full system failure (other alarms may leave you stranded).
- ☑ **LED Status Indicator**—Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☑ **Magnetic Resonance Sensor™**—This second system sensor reliably detects vibrations caused by forced entry or attempts to tow the vehicle.
- ☑ **Full-Time Remote Panic Feature™**—For your personal safety, you can remotely activate the siren and flashing parking lights from a distance or even while driving.
- ☑ **Secured Valet Mode**—Permits vehicle servicing and valet parking without relinquishing the remote control.

Clifford Electronics is continually improving its products. As such, some features noted may be changed or enhanced.

Optional Accessories

- **Sense & Tell™** — voice synthesis accessory that verbally wards off thieves before they even touch your vehicle and sounds the alarm if the warnings are not heeded.
- **NightVision™** — automated headlights and courtesy lights plus remote controlled headlight activation.
- **SmartWindows™ II** — gives you complete remote control of your vehicle's power windows/sunroof.
- **IntelliStart™** — remotely start your vehicle's engine and heater, defroster or air conditioner with a mere press of a button on your Eagle remote control.
- **Remote Boot/Bonnet Release** — open your vehicle's bonnet or boot with just a press of your remote control's button.
- **Remote Tamper-Proof Bonnet Lock** — Independently locks the bonnet so no thief can open it.
- **Self-Powered Siren™** — Keeps on wailing even if all the wires are cut! Comes with two security override keys.



With Clifford's Renowned

FACT
False Alarm Control & Test
The False Alarm Cure

THE EAGLE™ gives you the upper hand even against accomplished car thieves. This user-friendly, microprocessor-controlled security/convenience system is loaded with ingenious features unmatched by any other competitive product.

The system's microprocessor gives you wonderfully effortless control over any aspect of your system with a mere press of a button on the miniature keychain remote control.

The Eagle's keychain 2-button/3-channel 512-million-code, digital remote controls let you to easily and remotely command not only the



many security features, but also the parking lights, interior lights and power door locks. What's more, with optional Clifford accessories, the same miniature marvel can release the boot and bonnet latches,

activate the headlights, control the power windows, open and close your garage doors, remotely adjust the memory seats, control Clifford systems on your other vehicles, even start the engine and heater, defroster or air conditioner.

Clifford Electronics is world-renowned for its leading-edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology, the best in proven reliability, and, as such, we can also offer the best in warranty protection: Your Eagle is covered not just for a year or two, but for as long as you own your vehicle. If you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge.

Standard Features

- ☑ **FACT™—False Alarm Control and Test—**One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. You *will know for sure* if someone is tampering with your vehicle.
- ☑ **Lifetime Warranty—**This is one feature you may never use since Clifford systems are renowned for reliability. For as long as you own the vehicle, Clifford will repair or replace the security components free of charge.
- ☑ **A Pair of 2-Button/3-Channel Remote Controls—**With more than *512 million digital codes*, the Eagle is virtually impervious to the digital code "scanners" used by thieves. Even with the most sophisticated scanner, it would take a thief more than *three years* to decipher the code.
 - **Button I** will arm, disarm, lock and unlock the doors, and, in an emergency, "*panic*" the Eagle.
 - **Button II** activates options such as a remote boot release, remote window and sunroof control, your electric garage doors, a Clifford system on your second car or even remotely start your vehicle's engine, heater, defroster or air conditioner.
 - **Press both buttons** to silently arm or disarm the system without the usual siren "*chirps*."
- ☑ **MultiRemote™ Recognition—**Just a few flicks of a switch lets you match to your Eagle up to four Clifford remote controls regardless of type, code or number of channels. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **Multiple-Car Control—**With the same remote control, you can command a Clifford system on your second vehicle.
- ☑ **AntiScan™—**Professional thieves may defeat car alarms with code-generating "*scanners*" that rapidly transmit one remote control code after another. Eagle's AntiScan recognizes scanners and blocks their codes to prevent disarming of your vehicle security system by anyone but *you*.
- ☑ **Parking Light Flasher—**Visually confirms alarm status from a distance.

- ☑ **Smart Courtesy Lighting**—Provides for full perimeter protection of the engine compartment and boot contents (may require optional pin switches).
- ☑ **Triple-Mode "Chirp" Silencing**—Whenever you arm or disarm with the remote control, the siren will audibly "*chirp*" and the parking lights will flash to confirm system status. Whenever you wish, you may silence the chirps with any of these three methods:
 - **Long-Term Chirp Silencing**—A few flicks of a switch will silence the chirps until you reactivate them.
 - **One-Cycle Chirp Muting**—When parking in a quiet residential area, a quick flick of the car's ignition switch will mute the chirps for one arm-and-disarm cycle, after which the chirps are automatically restored.
 - **Remote Controlled Chirp Muting**—You can even mute the chirps on the go from outside the car without any pre-planning! Just a press on both remote control buttons does the trick.
- ☑ **SmartDoors™**—Provides you with all these outstanding features and benefits:
 - **Remote Door Locking/Unlocking**—*No more fumbling with keys in the dark or bad weather!* One press of a button on the remote control simultaneously arms the system *and* locks all doors. Another press disarms and unlocks.
 - **AutoLock™**—For the security of you and your passengers, Eagle automatically locks all the vehicle doors when you start the engine.
 - **AutoUnLock™**—Conversely, when you turn off the ignition, the doors automatically unlock. (If you prefer, you can turn off AutoLock and AutoUnLock with a few flicks of a switch).
 - **Remote Keyless Entry in Valet Mode**—The remote control may be used to lock/unlock the car doors and activate remote accessories even while the system is in valet mode.
- ☑ **Smart AutoTesting™**—Every time you remotely arm your Eagle, it instantly and automatically performs comprehensive testing of all triggers and sensors. If a malfunction is found, the system will audibly and visually alert you of the problem and specifically identify the malfunction, virtually eliminating costly trouble-shooting time.

- ☑ **Malfunction AutoBypass™**—In the unlikely event of a trigger/sensor malfunction, Eagle will automatically bypass it and arm all other points to continue relentless protection of your vehicle.
- ☑ **TotalRecall™**—Eagle's non-volatile memory automatically stores and permits you to recall the identify of the last trigger or sensor activated while the system was armed. This provides an invaluable informational and diagnostic means.
- ☑ **Smart Prior Intrusion Attempt Alert**—When you disarm the system with the remote control, Eagle audibly and visually alerts you — from a distance — if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.
- ☑ **Glass Tampering Sensor**—Can detect attempts to break any of the vehicle windows before the glass can be broken and instantly sounds the alarm.
- ☑ **AutoArming™**—Eagle arms itself automatically ("passively") if you forget. This may qualify you for an insurance discount that may pay for the cost of the system (ask your insurance company).
 - **AutoArming Enable/Disable**—Whenever you wish, you may deactivate or reactivate AutoArming with a few flicks of a switch.
 - **Visual Acknowledgment**—AutoArming is confirmed with two flashes of the parking lights.
 - **AutoArm & Lock**—You may set your Eagle to automatically lock the car doors every time the system AutoArms.
- ☑ **Dual-Level Tampering Warning**—You can set the system to issue a rapid five-chirp warning whenever Eagle detects any tampering to the vehicle. If there is any further tampering, or if the bonnet, boot or a door is opened at *any* time, Eagle will sound a continuous 125dB siren blast.
- ☑ **Six-Sound Siren**—Loud 125dB siren with six different alarm sound patterns to draw even more attention to your vehicle.
 - **User-Selectable Siren Duration**—You may set the siren wail for either 30 or 60 seconds.

- ☑ **Enhanced AutoArming™**— Advantage with ACG arms itself automatically ("passively") if you forget. This may qualify you for an insurance discount (ask your insurance company).
 - **AutoArming Enable/Disable**— Whenever you wish, you may deactivate or reactivate AutoArming with just a few flicks of a switch.
 - **Visual Acknowledgment**— AutoArming is confirmed with two flashes of the indicator lights.
 - **AutoArm & Lock**— You may set your Advantage with ACG to automatically lock the car doors every time the system AutoArms.
- ☑ **Dual-Level Tampering Warning**— You can set the system to issue a rapid five-chirp warning whenever it detects any tampering to the exterior of your vehicle. If there is any further tampering, or if the bonnet, boot or a door is opened at any time, Advantage with ACG will sound a continuous 125dB siren blast.
- ☑ **Six-Sound Siren**— Loud siren with six different alarm sound patterns draws even more attention to your vehicle.
 - **User-Selectable Siren Duration**— You may set the siren wail for either 30 or 60 seconds.
- ☑ **Fault-Proof Starter Interrupt™**— Prevents an intruder from starting the engine, but allows you to start it even in the unlikely event of a full system failure.
- ☑ **LED Status Indicator**— Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☑ **Magnetic Resonance Sensor™**— Reliably detects vibrations and impacts caused by forced entry or attempts to tow the vehicle.
- ☑ **Full-Time Remote Panic™**— For safety, you can remotely activate the siren and flashing indicator lights from a distance or even while driving.
- ☑ **Smart Boot Release Capability**— An electronic interlock assures that the boot may be remotely opened *only* when the alarm is disarmed.
- ☑ **Secured Valet Mode**— Permits vehicle servicing and valet parking without relinquishing the remote control.

Clifford Electronics is continually improving its products. As such, some features noted may be changed or enhanced.

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CLIFFORD

WORLD-CLASS AUTO SECURITY™

Advantage®

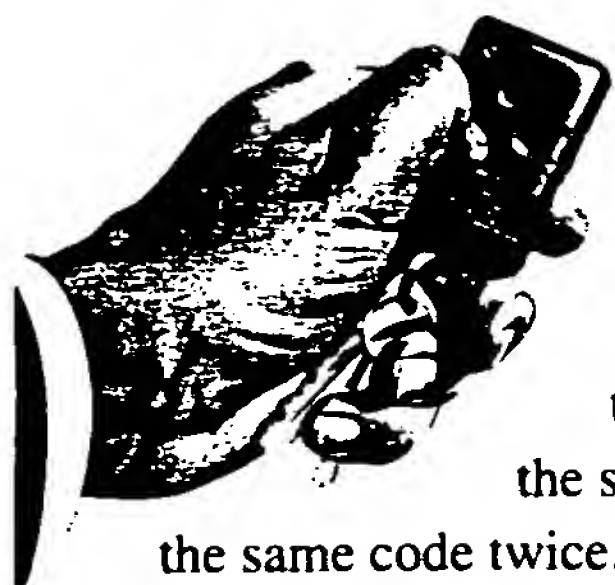
Featuring
Clifford's renowned
Anti-CodeGrabbing (ACG)
with Random Code Encryption



THE ADVANTAGE WITH ACG gives you the upper hand against the most accomplished car thieves. This ultra-sophisticated, user-friendly, microprocessor-controlled security/convenience system is loaded with ingenious features unmatched by any other product.

The system's leading-edge microprocessor gives you wonderfully effortless control over any aspect of your system with a mere press of a button on the miniature keychain remote control.

And the two 4-button/12-channel remote controls utilize Clifford Electronics' proprietary Anti-CodeGrabbing (ACG) technology to make them impervious to thieves'



code-grabbers (which "record" and "play back" the code of ordinary car alarm remotes to disarm the alarm). Clifford's ACG remote controls *NEVER* transmit the same code twice, and the system control unit *NEVER* accepts

the same code twice. The remote control commands not only the many security features, but also the headlights, indicator lights, interior lights, power door locks and, on various vehicles, even close the power windows and sunroof.

What's more, the same miniature marvel can also remotely release the boot latch, remotely adjust the memory seats, control compatible Clifford systems on your other cars, even start the engine and heater, defroster or air conditioner.

Clifford Electronics is world-renowned for its leading-edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability. In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge.

Even a quick glance at the Standard Features list of the Advantage with ACG will convince you of the outstanding security, reliability and lifestyle convenience benefits of this exceptional system.

IN TODAY'S WORLD, YOU NEED AN ADVANTAGE.

Standard Features

- ☑ **FACT™ — False Alarm Control and Test**— One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. You will *know for sure* if someone is tampering with your vehicle.
- ☑ **Lifetime Warranty**— For as long as you own the vehicle, Clifford will repair or replace the control unit and remote controls free of charge.
- ☑ **Anti-CodeGrabbing (ACG) with Random Code Encryption** — Today's criminals use "code-grabbers" to grab, from a distance, the code transmitted by a remote control when the alarm is armed by its owner. When the owner is gone, the thief simply retransmits the recorded code, disarms the alarm, and the car is his. But Clifford's proprietary Anti-CodeGrabbing (ACG) uses complex digital signal processing and unbreachable encryption to randomly change the digital code each and every time you use the remote control. The same code is *NEVER* retransmitted, and the system will *NEVER* respond to a retransmitted code.
- ☑ **A Pair of 4-Button/12-Channel Remote Controls** — This sophisticated yet incredibly easy to use keychain remote control gives you fingertip command of up to 12 different functions: arm, disarm, lock and unlock the doors, illuminate the interior courtesy lights, "panic" the system in an emergency, activate the built-in headlight timer, silently arm or disarm the system without the usual siren "chirps," and remotely command compatible Clifford systems on your other vehicle(s) as well as convenience options such as a remote boot release, remote window and sunroof control, or even remotely start your car's engine, heater, defroster or air conditioner.
- ☑ **MultiRemote™ Recognition**— A few flicks of a switch lets you match to your Advantage with ACG up to four Clifford ACG remote controls. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **Multiple-Car Control**— With the same remote control, you can command up to 2 of your other vehicles.
- ☑ **AntiScan™**— Some car thieves still use electronic "scanners" that rapidly transmit one digital code after another until they hit the one code that disarms the alarm. The system's AntiScan feature recognizes scanners and blocks their codes to prevent disarming of your Advantage with ACG system by anyone but you.

- ☑ **Remote Headlight Activation Capability**— Lets you remotely turn on the headlights for any duration you wish between 1 second and 2.5 minutes to light your way to and from your vehicle.
- ☑ **Headlight Reminder**— If you ever park your car and forget to turn off the headlights, your Advantage with ACG system will remind you to turn them off before you leave the car.
- ☑ **Remote Window and Sunroof Closure Capability**— On several models of BMW, Jaguar and Volkswagen, the Advantage with ACG's remote controlled Integrated Timer can be used to remotely close the power windows and sunroof without the need for any optional modules.
- ☑ **Proximity Sensor™**— High-technology passenger-compartment radar sensor unerringly detects the presence of an intruder inside the vehicle. The Proximity Sensor provides the utmost protection even if the windows are left open since, unlike ultrasonic sensors, the Proximity Sensor is completely impervious to wind, noise and temperature variations.
- ☑ **QuietChirps™**— Whenever you desire, you may choose to lower the volume of the normal arm and disarm chirps to a level that is clearly audible but less obtrusive than the full-volume chirps. All it takes is a few flicks of a switch.
- ☑ **Triple-Mode "Chirp" Silencing**— Whenever you arm or disarm your Advantage with ACG system via the remote control, the siren will audibly chirp and the indicator lights will flash to confirm system status. Whenever you wish, you may silence the chirps with any of these three methods:
 - **Long-Term Chirp Silencing**— A few flicks of a switch will silence the chirps until you reactivate them.
 - **One-Cycle Chirp Muting**— When parking in a quiet residential area, a quick turn on and off of the car's ignition switch will mute the chirps for one arm-and-disarm cycle, after which the chirps are automatically restored.
 - **Remote Controlled Chirp Muting**— You can even mute the chirps on the go from outside the car without any pre-planning! Just a press on remote control button III does the trick.

- ☑ **Smart Prior Intrusion Attempt Alert**— When you remotely disarm, Advantage with ACG audibly and visually alerts you — from a distance — if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.
- ☑ **SmartDoors™**—Provides you with all these outstanding features and benefits:
 - **Remote Door Locking/Unlocking**— *No more fumbling with keys in the dark or bad weather!* A press of a button on the remote simultaneously arms the system and locks all doors. Another press disarms and unlocks.
 - **AutoLock™**— For the security of you and your passengers, Advantage with ACG automatically locks all the vehicle doors when you start the engine.
 - **AutoUnlock™**— Conversely, when you turn off the ignition, the doors automatically unlock. (If you prefer, you can turn off the AutoLock/AutoUnLock feature with a few flicks of a switch).
 - **Remote Keyless Entry in Valet Mode**— The remote control may be used to lock/unlock the car doors and activate remote controlled accessories even while the system is in valet mode.
- ☑ **Smart Courtesy Lighting**— The interior light(s) automatically turn on when you remotely disarm and remain on for 30 seconds or until you start the engine.
- ☑ **Indicator Light Flasher**— Visually confirms alarm status from a distance.
- ☑ **Smart AutoTesting™**— Every time you remotely arm your Advantage with ACG, it instantly and automatically performs comprehensive testing of all triggers and sensors. If a malfunction is found, the system will audibly and visually alert you of the problem and *specifically* identify the malfunction, virtually eliminating costly trouble-shooting time.
- ☑ **Malfunction AutoBypass™**— In the unlikely event of a trigger/sensor malfunction, Advantage will automatically bypass it and arm all other points to *continue* relentless protection of your vehicle.
- ☑ **TotalRecall™**— The system's non-volatile memory stores the identity of the last trigger or sensor activated even if power is removed. This provides an invaluable informational and diagnostic means since, whenever you wish, the system will identify the trigger or sensor.

☑ **Magnetic Resonance Sensor** — Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection and wider-perimeter protection than other sensors.

☑ **Smart AutoArming™** — Arms itself "passively" if you forget. This may qualify you for an insurance discount that may pay for the system (ask your insurance company).

- **AutoArming Enable/Disable** — You may disable or re-enable AutoArming with just a few flicks of a switch.
- **AutoArm & Lock™** — You may set the system to automatically lock the doors every time the system AutoArms.

☑ **FaultProof Starter Interrupt™ Output** — With the addition of an optional relay, Arrow prevents an intruder from starting the engine but allows you to start it even in the unlikely event of a full system failure.

☑ **High-Luminescence LED Status Indicator** — Bright red LED adds visual deterrence and identifies system status: armed, disarmed, self-diagnostics, prior intrusion attempt alert, programming and valet modes.

☑ **Hood/Trunk Trigger Input** — Protects the engine compartment and trunk (may require optional pin switches).

☑ **Patented SmartPowerUp™** — Sounds the siren and flashes the parking lights if power is removed and then restored in a theft attempt, but permits authorized power reconnection.

☑ **User-Friendly Programming** — All it takes is a few flicks of a switch to tailor any or all of Arrow's programmable features to your preferences.

☑ **Secured Valet Mode** — Permits vehicle servicing and valet parking without relinquishing your remote.

CLIFFORD

*Remote
controlled
car alarm*



CLIFFORD ELECTRONICS is world renowned for its technical innovations, product reliability and unsurpassed service. Now the new Clifford **Arrow** is setting an unmatched level of price/performance. Arrow is right on target in scoring the highest marks for the best performance at the lowest price.

Arrow gives you the upper hand even against the most accomplished car thieves. This user-friendly, microprocessor-controlled security/convenience system is loaded with ingenious features and benefits unmatched by any other brand of car alarm, yet Arrow costs no more than other manufacturers' run-of-the-mill alarms.



From its pair of 2-button/3-channel keychain remote controls, through its patented FACT false alarm prevention circuitry

that absolutely, positively prevents recurring false alarms, to the marvelous user-programmable features, Arrow delivers security, lifestyle-enhancing conveniences, unmatched reliability and amazing value.

Even a quick glance through the extensive standard features of the Arrow system list will convince you that Arrow's outstanding merits and value hits the bull's-eye.

Features and benefits of the Arrow

- ☑ **Lifetime Warranty** — This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford will repair or replace the control unit and remotes free of charge and, unlike other alarm companies, we never impose “processing fees” or “handling charges.”
- ☑ **FACT™—False Alarm Control and Test** — One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. If an improperly adjusted sensor causes the alarm to sound, the system will check for another activated trigger before sounding the siren a second time. Should the alarm sound again *you will know for sure* that someone is tampering with your car.
- ☑ **A Pair of 2-Button/3-Channel Remote Controls** — These sophisticated yet easy-to-use keychain remote controls give you fingertip command of your Arrow from up to 100 feet away. A press of a button is all it takes to:
 - Arm your Arrow and automatically lock the doors (some vehicles require an optional adaptor).
 - Disarm the system and automatically unlock the doors as well as illuminate the interior courtesy lights for 30 seconds or until you start the engine.
 - Activate the remote panic feature from either inside or outside the car.
 - Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
 - Control Clifford systems on your second and third cars with the same remote!
 - Activate an optional accessory, such as: a remote trunk release, remote power window control, electric garage door activation, or you can even remotely start your car's engine and heater or air conditioner from inside your home or office.

- ☒ **Patented Remote Control Code Learning and MultiRemote Recognition™** — Just a few flicks of a switch lets you match to your Arrow up to two different Clifford remote controls. Just as easily, the code of a lost or stolen remote can be permanently deleted from system memory. That means your Arrow can never be controlled by someone who found or stole your remote control — a serious security risk other alarm manufacturers overlook.
- ☒ **AntiScan™** — Thieves use digital code “scanners” that rapidly transmit one remote control code after another until they hit the one code that disarms the alarm. AntiScan recognizes scanners and blocks their codes to prevent disarming by anyone but you.
- ☒ **Remote Controlled Chirp Muting** — When you arm or disarm your Arrow system with its remote control, the siren will “chirp” and the parking lights will flash to confirm system status. Whenever you wish, you may mute the chirps on the go from outside your car without any pre-planning! Just a press on both remote control buttons will arm and disarm the system *silently*. It’s perfect when you need to arm or disarm at night in a quiet residential area.
- ☒ **Remote Door Locking/Unlocking** — *No more fumbling with keys in the dark or bad weather!* A fingertip press of a button on the Arrow remote simultaneously arms your system *and* locks all the doors. Another press disarms *and* unlocks the doors (some vehicles require an optional adaptor).
- ☒ **Built-In Parking Light Flasher** — Visually confirms alarm status from a distance.
- ☒ **Remote Controlled Courtesy Lighting Output** — When you remotely disarm your Arrow, your vehicle’s interior lights will turn on and stay on until you start the engine or 30 seconds, whichever occurs first (requires an optional relay).

- ☒ **Patented AutoTesting™** — Automatically tests all triggers and sensors every time you remotely arm and warns you if you accidentally arm with the hood or trunk open. If there is a *genuine* trigger or sensor malfunction, your Arrow will alert you of the problem with a special chirp and parking light flash sequence.
- ☒ **Patented Malfunction AutoBypass™** — In the unlikely event of a trigger/sensor malfunction, Arrow will automatically bypass it and arm all other points to continue relentless protection of your vehicle.
- ☒ **Patented Prior Intrusion Attempt Alert** — When you remotely disarm, your Arrow audibly and visually alerts you — from a distance — if an intrusion attempt was foiled while you were away.
- ☒ **High-Output Siren** — *Loud* siren wail with Clifford's Patented Automatic Noise Abatement feature that limits alarm sounding to no more than three minutes even if a door is left open in the wake of an intrusion attempt. This ensures against battery drain or towing of your vehicle due to noise pollution. It then automatically resets and re-arms all other points to *continue* to provide the utmost possible protection.
- ☒ **Advanced CMOS Microprocessor** — Very large scale integration (VLSI) microprocessor commands and monitors all system functions more than 10,000 times per second, yet draws less power than the vehicle's clock, so it won't deplete your car battery like other brands of alarms.
- ☒ **Full-Time Remote Panic Feature™** — If you feel threatened, you can remotely activate the siren and flash the parking lights from inside or outside the vehicle regardless of system status.

- ✓ **Hood/Trunk Trigger Input** — Protects the engine compartment and trunk (may require optional pin switches).
- ✓ **Advanced CMOS Microprocessor** — Very large scale integration (VLSI) microprocessor monitors all system functions more than 10,000 times per second, yet draws less power than the vehicle's clock.
- ✓ **Patented Remote Control Code Learning** — Just a few flicks of a switch lets you match up to three Clifford remote controls to your Arrow II system. Just as easily, the code of a lost or stolen remote can be deleted from system memory. That means your Arrow II can never be controlled by someone who found or stole your remote control.
- ✓ **High-Luminescence LED Status Indicator** — Bright red LED adds visual deterrence and clearly identifies system status: armed, disarmed, valet mode, etc.
- ✓ **Valet Mode with Remote Controlled Capability** — Just flick a switch to permit vehicle servicing or valet parking without relinquishing your remote control. With the optional 4-button/12-channel ACG remote, you get unparalleled convenience in addition to unbreachable security. Just a press a button from up to 100 feet away will cause the system to enter or exit valet mode.
- ✓ **Patented SmartPowerUp™ II** — When power to the system is disconnected, the system's non-volatile memory always remembers the last state (armed, disarmed or valet mode) and returns to that state when power is restored. So if a thief disconnects the power and then restores it in an attempt to start the car, the system will re-arm and instantly sound the siren while immobilizing the vehicle.
- ✓ **User-Selectable Features** — All it takes is a few flicks of a switch to tailor any or all of Arrow II's user-selectable features to your preferences.

Arrow II is covered by one or more of the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375 and other patents.

CLIFFORD

World-Class Auto Security™

Arrow II



Auto Security System

CLIFFORD ELECTRONICS is world renowned for its technical innovations, product reliability and unsurpassed service. Now the Clifford Arrow II is setting an unmatched level of price/performance.

Arrow II gives you the upper hand against car thieves. This user-friendly security/convenience system is loaded with ingenious features and benefits unmatched by any other brand of car alarm, yet Arrow II costs no more than other manufacturers' run-of-the-mill "me-too" alarms.

From its pair of 2-button/3-channel keychain remote controls, through its patented FACT false alarm prevention circuitry that absolutely, positively prevents recurring false alarms, to the marvelous user-programmable features, Arrow II delivers security, lifestyle-enhancing conveniences, unmatched reliability and amazing value.

What's more, Arrow II can instantly be upgraded to combat the latest and most ominous electronic thievery: *Code-grabbing*. Car thieves with code-grabbers can capture and record, right off the air, the digital code transmitted by virtually every car alarm remote control. When you are gone, the thief plays back the code to disarm the alarm and unlock the doors.

Even a quick glance through the extensive standard features of the Arrow II system list will convince you that Arrow II's outstanding merits and value hits the bull's-eye.

Features and benefits of the Arrow II

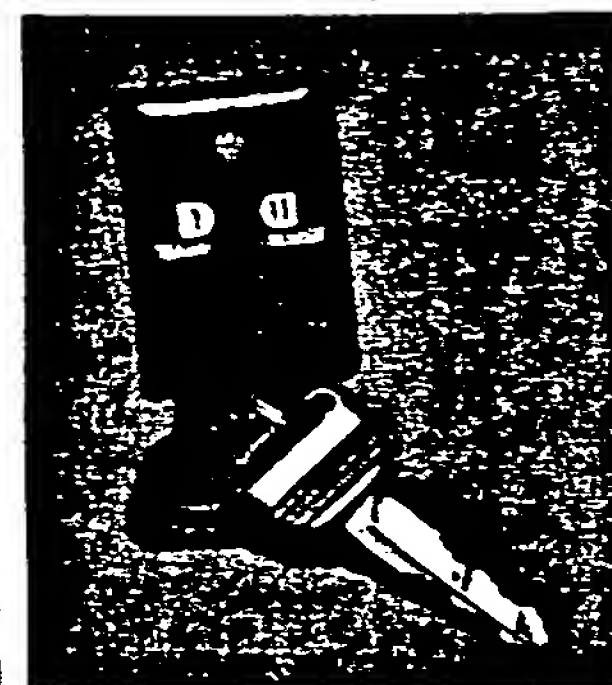
✓ **Lifetime Warranty** — This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford will repair or replace the control unit and remote controls free of charge and, unlike other alarm companies, we never impose "processing fees" or "handling charges."

✓ **FACT™—False Alarm Control and Test** — One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound a second time, *you will know for sure* that someone is tampering with your vehicle.

✓ **A Pair of 2-Button/3-Channel Remote Controls—**

These easy-to-use keychain remote controls give you fingertip command of your Arrow II from up to 100 feet away. A press of a button is all it takes to:

- Remotely arm Arrow II and automatically lock the doors.*
- Remotely disarm the system and automatically unlock* the doors as well as illuminate* the interior courtesy lights for 30 seconds or until you start the engine.
- Activate the remote panic feature and simultaneously unlock* the doors if you are outside or lock* them if you are inside the vehicle.
- Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
- Control an Arrow II system on your second car with the same remote control.
- Activate an optional accessory, such as a remote trunk release, remote power window control, electric garage door activation, or you can even remotely start your car's engine and heater or air conditioner!



✓ **Anti-CodeGrabbing (ACG) Capability**— When you use a car alarm remote control, it transmits a digital code to your alarm. A thief with a code-grabber can record that code off the air from hundreds of feet away, then play it back when you're gone to disarm the alarm and unlock the doors. Fortunately, you can add Clifford's unbreachable Anti-CodeGrabbing (ACG) technology simply with the addition of an optional 4-button/12-channel ACG remote control. ACG randomly changes the transmitted code every time you press any of the remote control buttons. And since these codes are selected from a file containing several trillion codes, the remote control *NEVER* transmits the same code twice, making code-grabbing utterly useless. In addition to unbreachable security, you also get a bonus: *remote controlled valet mode* (see the back panel for information on this feature).

*Some vehicles require optional relays.

- ☑ **Full-Time Remote Panic with Automatic Locking/Unlocking Capability**— If you feel threatened, you can, with just a fingertip touch on your remote control, sound the siren, flash the parking lights and unlock the doors for quick entry into your car without fumbling with your keys. If you press the panic button while driving, the siren will sound, the lights will flash and the doors will lock to shield you from the assailant.
- ☑ **Remote Controlled Chirp Muting**— When you remotely arm or disarm your Arrow II, the siren will “chirp” and the parking lights will flash to confirm system status. Whenever you wish, you may mute the chirps. Just a press on both remote control buttons will arm or disarm the system *silently*. It’s perfect when you need to arm or disarm at night in a quiet residential area.
- ☑ **Remote Door Locking/Unlocking Capability** — *No more fumbling with keys in the dark or bad weather!* A press of a button on the Arrow II remote control will simultaneously arm the system and locks your vehicle’s power door locks. Another press disarms and unlocks (some vehicles require optional relays).
- ☑ **Built-In Parking Light Flasher** — Visually confirms alarm and door lock status from a distance.
- ☑ **Remote Controlled Courtesy Lighting Output**— For your personal safety and convenience, when you remotely disarm, your vehicle’s interior lights will turn on and stay on until you start the engine or 30 seconds, whichever occurs first (requires an optional relay).
- ☑ **Patented AutoTesting™**— Automatically tests all triggers and sensors every time you remotely arm and warns you if you accidentally arm with the hood, trunk or a door open. If there is a *genuine* trigger or sensor malfunction, Arrow II will alert you of the problem with a special chirp and parking light flash sequence.
- ☑ **Patented Malfunction AutoBypass™** — In the unlikely event of a trigger/sensor malfunction, Arrow II will automatically bypass it and arm all other points to continue relentless protection of your vehicle.

- ☑ **TotalRecall™** — Arrow II's memory automatically stores the identity of the last trigger or sensor activated. This provides an invaluable diagnostic means, since the system will visually identify the activated trigger or sensor.
- ☑ **All-Electronic Piezo Sensor™** — An all-electronic, solid-state vibration/impact sensor that delivers the utmost reliability and provides more accurate discrimination between genuine intrusion attempts and non-threatening conditions (like a large truck passing by) that cause other sensors to false alarm.
- ☑ **High-Output Siren** — Loud siren wail with Clifford's Patented Automatic Noise Abatement feature that limits alarm sounding to no more than three minutes even if a door is left open in the wake of an intrusion attempt. This ensures against battery drain or towing of your vehicle due to noise pollution. It then automatically resets and rearms all other triggers and sensors to continue to provide the utmost possible protection.
- ☑ **Patented Prior Intrusion Attempt Alert** — When you remotely disarm, your Arrow II audibly and visually alerts you from a distance if an intrusion attempt was foiled while you were away.
- ☑ **User-Selectable AutoArming™** — Passively arms itself if you forget; may qualify you for an insurance discount that can pay for the system (ask your insurance company).
 - **AutoArming Enable/Disable** — Disable or re-enable AutoArming with just a few flicks of a switch.
 - **AutoArm & Lock™** — You may set the system to automatically lock the doors every time it AutoArms.
 - **Visual Indication** — Two parking light flashes signal that the 30-second AutoArming countdown has started.
 - **Instant AutoArm Bypass** — Just a couple quick turns of the ignition switch bypasses AutoArming for one cycle — perfect when fueling the vehicle.
- ☑ **Fault-Proof Starter Interrupt** — Arrow II electronically prevents an intruder from starting the engine while the system is armed.

Optional Accessories

- ☐ **Additional Remote Controls** — Your installer can easily and instantly program up to four remote controls for other drivers of the vehicle.
- ☐ **IntelliSensor™** — The world's most advanced, fully automatic window tampering sensor eliminates false alarms; detects and verifies intrusion attempts *before* the glass can be broken.
- ☐ **OmniSensor™** — The world's only all-electronic, microprocessor-controlled, *user-programmable vibration/impact sensor*. Only the OmniSensor allows you to *adjust its sensitivity any time, any place, without tools and without even knowing where the sensor is mounted!* The OmniSensor will unerringly detect all genuine threats and unfailingly ignore the non-threatening conditions that cause other sensors to false alarm.
- ☐ **Trunk Release** — Open the trunk from as far as 90 feet away. The perfect convenience when carrying packages or groceries.
- ☐ **Garage Door Programmable Receiver** — Command your garage door with button II of the CliffAlarm II remote control. Your garage door remote control will be on your keychain and with you at all times, not left behind in your car as a bonus for any thief. Installs in minutes with just a screwdriver.
- ☐ **Parking-Light Flasher** — Flashes your car's parking lights when the alarm sounds to specifically identify the vehicle and draw even more attention from passersby.
- ☐ **Self-Powered Siren** — Keeps sounding the alarm even if a thief cuts all of the wires.

Made in USA

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**A smart car alarm that
absolutely, positively
puts an end to recurring
false alarms**



**Clifford's exclusive, patent-pending
FACT (False Alarm Control and Test)
makes recurring false alarms
a thing of the past**

CLIFFORD
THE ULTIMATE IN AUTO SECURITY

The CliffAlarm™ II is one of the new generation of *smart car alarms* from Clifford Electronics, the nation's leading manufacturer of high technology vehicle security and convenience systems.

One of the most annoying shortcomings of conventional car alarms is the common false alarm. It is particularly exasperating if *your* car alarm is afflicted with this ailment.

False alarms are caused by a myriad of reasons, yet none of them have anything to do with an attempted burglary. And the more often a system false alarms, the less attention people pay to it.

It's like the story of the boy who kept crying "Wolf!" Of course, you know how that story ended. When the wolf did attack, everyone believed it was just another false alarm.

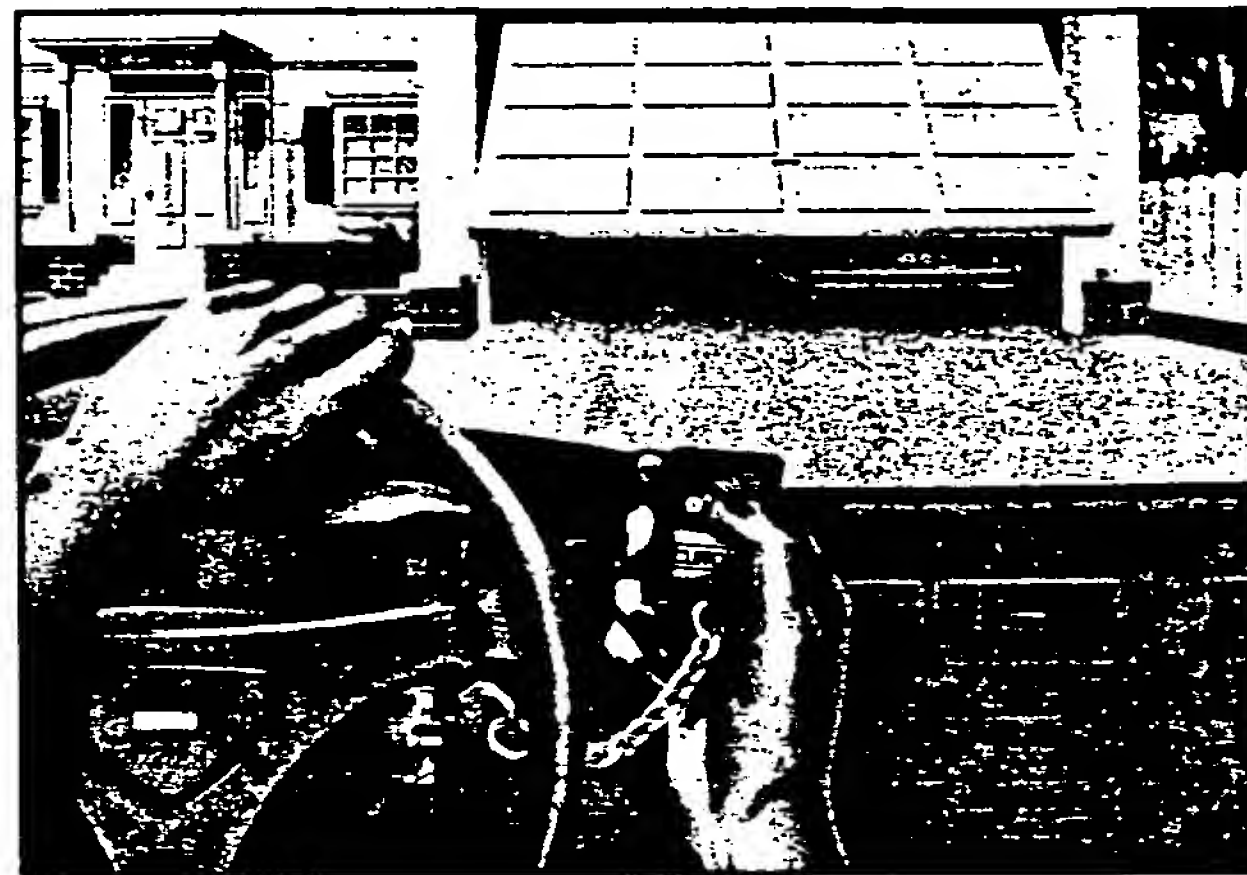
In stark contrast, the second-generation CliffAlarm II delivers an excellent level of protection against theft from your car without any recurring false alarms.

Clifford's exclusive **FACT™—False Alarm Control and Test**—feature ***absolutely, positively puts an end to the recurring false alarms*** that plague all other manufacturers' systems.

Even if an improperly adjusted sensor causes the alarm to sound, the CliffAlarm II microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again ***you will know for sure*** that someone is tampering with your vehicle.

This, in part, is why we call the CliffAlarm II a "smart" alarm. Not only is it smart enough to distinguish a false alarm from a genuine intrusion attempt, it will automatically run an AutoDiagnostics™ check of each sensor

and trigger every time you arm the system with its dual-button/dual-channel remote control. Optionally, you can use the miniature remote control to open and close your garage door or even remotely pop the car's trunk.



Quality, service and technological innovation are the hallmarks of Clifford Electronics. Consequently, the name Clifford has become synonymous with the ultimate in auto security.

One look at the CliffAlarm II's impressive standard features will convince you of its merits. Considering that the CliffAlarm II is priced less than the cost of replacing a broken car window, we think you'll agree that you cannot afford to be without it.

Clifford Electronics is the world's leading manufacturer of high-technology automobile security and convenience systems. We are fanatics about quality and reliability. From the microchip level to the final test, our systems are designed, developed and manufactured in the U.S.A. to the most rigorous standards.

Standard Features

- ☑ **FACT™—False Alarm Control and Test —**
An ingenious and exclusive Clifford innovation that ***absolutely, positively puts an end to recurring false alarms***. Even if an improperly adjusted sensor causes the alarm to sound, the CliffAlarm II microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again ***you will know for sure*** that someone is tampering with your vehicle.
- ☑ **Dual-Button/Dual-Channel Remote Control —** Just a press of a button will arm, disarm and, in an emergency, “panic” the CliffAlarm II from a typical range of 90 feet. Button II can optionally activate the trunk release, your electric garage door or a Clifford system on your second vehicle.
- ☑ **Remote Control Programmability —**
For other drivers of the vehicle, your Authorized Clifford Dealer can instantly match up to four remote controls to your CliffAlarm II. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **Advanced CMOS Microcomputer —**
Large scale integration (LSI) microprocessor commands and monitors all system functions at the rate of more than 10,000 instructions per second, yet draws less power than your car's clock.
- ☑ **AutoDiagnostics™—**In the rare event of a sensor or trigger malfunction, the CliffAlarm II will alert you of the problem. It will even identify whether the malfunctioning point is a trigger or sensor, thus cutting down on costly trouble-shooting time.

☑ **Prior Intrusion Attempt Alert** —

Audibly alerts you—from a distance—if an intrusion attempt was foiled while you were away.

☑ **Magnetic Resonance Sensor™** —

Converts vibrations caused by forced entry attempts into electromagnetic flux to deliver reliable electronic detection.

☑ **Electronic Siren** — High-output siren will sound for 30 seconds when an intrusion is attempted. The system then will reset and re-arm to keep protecting your vehicle.

What's more, even if a door is left open in the wake of an intrusion attempt, the siren will sound for 3 minutes then will override the door trigger and automatically reset and re-arm to *continue* relentless protection of your vehicle. This prevents battery drain or towing of the vehicle due to noise pollution.

☑ **Hood/Trunk Trigger Input** — Allows for full protection of engine compartment and trunk contents (installation optional; may require optional pin switches).

☑ **LED Status Indicator** — Bright red flashing LED adds visual deterrence and identifies armed and disarmed modes.

☑ **Remote Panic Feature** —

Remotely activate the siren—from inside or outside the car—if you or your vehicle are threatened.

☑ **5 Year Warranty** — Clifford systems are renowned for their reliability, so this is one feature you'll probably never use. If the need ever does arise, it should comfort you know that, unlike other alarm manufacturers, Clifford *never* charges a "processing fee" to provide warranty testing, parts or service.

Optional Accessories

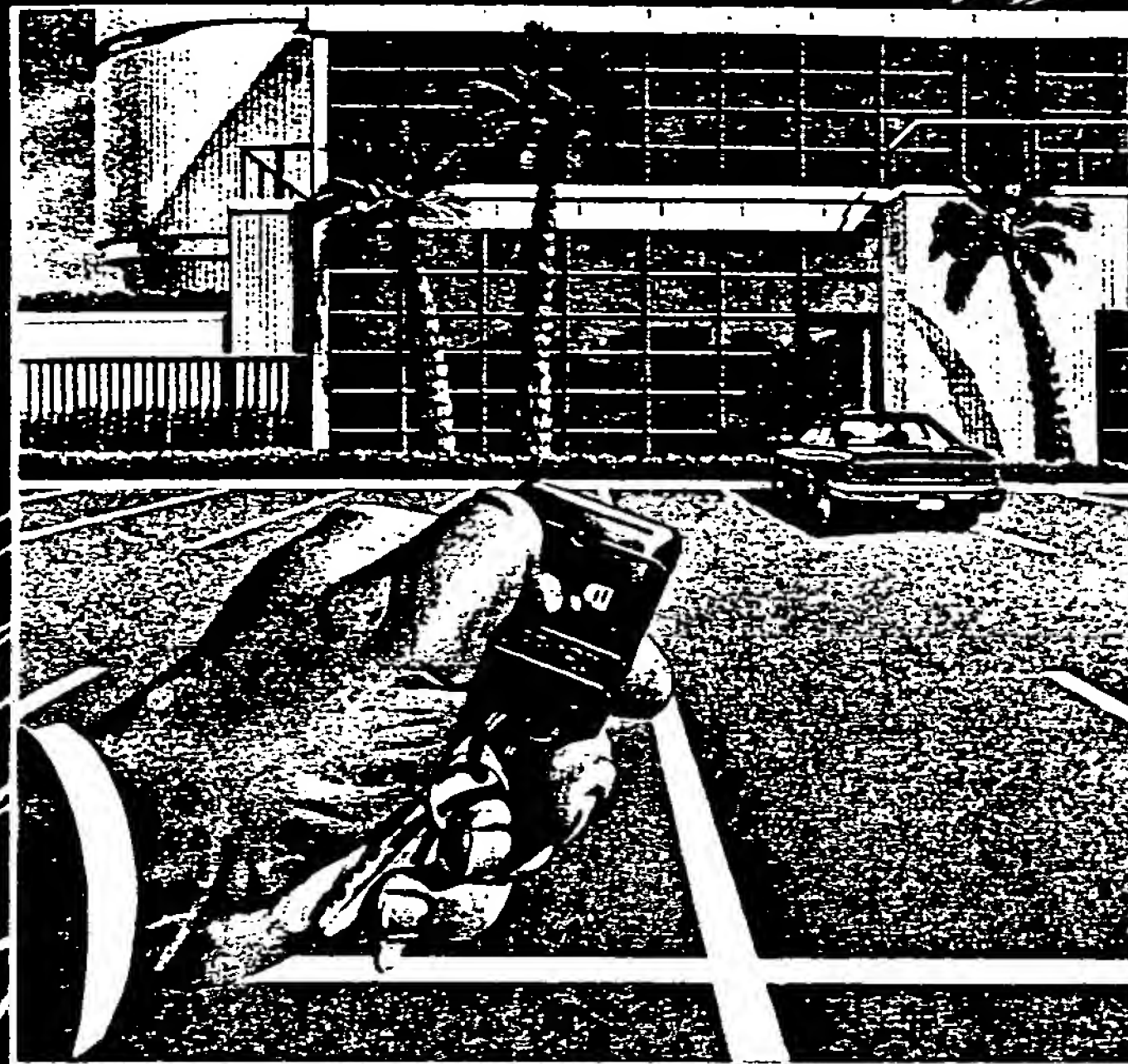
- ☐ **Additional Remote Controls** — You can easily and instantly program as many as four Clifford remote controls for other drivers of the vehicle.
- ☐ **Garage Door Programmable Receiver** — Command your electric garage door with button II on the remote control. Install it in minutes with just a screwdriver — no special skill or technical knowledge is needed.
- ☐ **SmartWindows™ II** — Provides total command of your vehicle's power windows/sunroof via your remote control. Open or close them — fully or just a crack — from up to 90 feet away (requires an additional adaptor).
- ☐ **OmniSensor™** — World's only ***all electronic, microprocessor-controlled, user-programmable*** sensor. Only the OmniSensor allows you to adjust its sensitivity any time, any place, without tools and without even knowing where the sensor is mounted! The OmniSensor will unerringly detect all genuine threats and unfailingly ignore the non-threatening conditions that cause other sensors to false alarm.
- ☐ **InteliSensor™** — World's most advanced, self-calibrating window tampering sensor detects intrusion attempts *before* the glass can be broken.
- ☐ **Remote Trunk Release** — It's the perfect convenience when carrying an armload of packages or groceries.
- ☐ **Self-Powered Siren** — Keeps on wailing even if a thief cuts all the wires.

Made in USA

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CliffAlert™ II

**A smart car alarm that
absolutely, positively
puts an end to recurring
false alarms**



**Clifford's exclusive, patent-pending
FACT (False Alarm Control and Test)
makes recurring false alarms
a thing of the past**

CLIFFORD

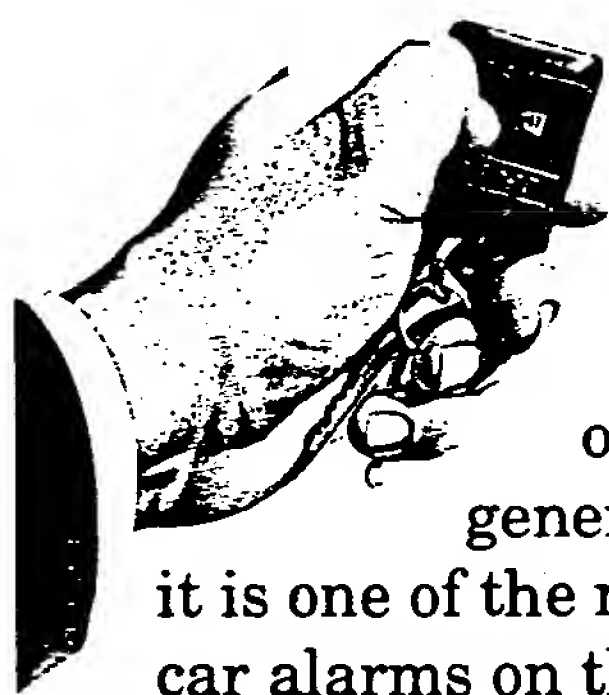
THE ULTIMATE IN AUTO SECURITY

Have you ever heard a car alarm go off for no apparent reason? False alarms are caused by a myriad of reasons, yet none of them has anything to do with a burglary attempt.

It's like the story of the boy who falsely and repeatedly cried wolf: When he really did need help, his cries were ignored. Everyone believed it was just another false alarm.

In response, Clifford's research engineers developed FACT (False Alarm Control and Test) — an advanced technology feature that ***absolutely, positively prevents the recurring false alarms*** that plague other manufacturer's alarms.

This vehicle security breakthrough is a standard feature of the CliffAlert™ II smart car alarm. That means when your CliffAlert II sounds you will know for sure



that someone is tampering with your vehicle. This exceptional innovation, and others like it, put the CliffAlert II on the leading edge of a new generation of smart alarms, yet it is one of the most reliable and affordable car alarms on the market.

The CliffAlert II defies the conventional thinking that an inexpensive alarm has less quality and performance. CliffAlert II magically combines exceptional affordability, solid reliability and an unsurpassed list of magnificent new

features unavailable on any other manufacturer's alarm regardless of price.

The CliffAlert II is also one of the most *user-friendly* car alarms available. You have total control of the alarm and selected convenience features from a typical range of 90 feet, yet operation is delightfully simple. Just a press of button I on the miniature keychain remote control will arm or disarm the alarm and simultaneously lock or unlock all doors! No more fumbling with keys in the dark or bad weather.



What's more, button II on the remote control can give you complete control over your electric garage door, allow you to pop your trunk from as far away as 90 feet or operate a Clifford system on your second vehicle.

The versatile CliffAlert II costs only a fraction of what you'd pay to replace a stolen stereo, yet it provides a level of protection and convenience unavailable from any other company. Check out the CliffAlert II's superior array of ingenious features and you'll be convinced:

Standard Features

- ☑ **FACT™— False Alarm Control and Test —**
An ingenious, patented Clifford innovation that ***absolutely, positively puts an end to recurring false alarms.*** If an improperly adjusted sensor causes the alarm to sound, the CliffAlert II microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again, ***you will know for sure*** that someone is tampering with your vehicle.
- ☑ **Dual Button/Dual Channel Remote Control —** Just a press of a button will arm, disarm and, in an emergency, “panic” the CliffAlert II from a typical range of 90 feet. Button II can optionally activate SmartWindows II, the trunk release, your electric garage door or another Clifford system on your second vehicle.
- ☑ **Remote Control Programmability —** You can instantly match up to four remote controls to your CliffAlert II with a mere flick of a switch. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **Built-In Parking Light Flasher —** If an intrusion is attempted, the parking lights will flash repeatedly while the siren sounds. It will also flash the parking lights once when remotely disarmed, twice when armed and three times if there was a prior intrusion attempt.
- ☑ **Advanced CMOS Microprocessor —** Large scale integration (LSI) microprocessor commands and monitors all system functions 10,000 times instructions per second, yet draws less power than your vehicle's clock.

- ☑ *Remote Door Lock/Unlock Outputs* — One press of a button on the remote control simultaneously arms the system and locks all doors; another press disarms and unlocks. (Some vehicles require an optional adaptor.)
- ☑ *Prior Intrusion Attempt Alert* — Audibly and visually alerts you — from a distance — if an intrusion attempt was foiled while you were away.
- ☑ *Magnetic Resonance Sensor™* — Converts vibrations caused by forced entry attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ *High-Output Siren* — When an intrusion is detected, the high-output siren will scream for 30 seconds. It then automatically resets and rearms to *continue* relentless protection of your vehicle.
- ☑ *LED Status Indicator* — Bright red LED adds visual deterrence and identifies armed, disarmed, programming and emergency override modes.
- ☑ *Remote Panic Feature* — Lets you remotely activate the siren and parking lights from inside or outside the car if you or your vehicle are threatened.
- ☑ *Emergency Override Switch* — Temporarily “shuts off” the system when your car is serviced.
- ☑ *Lifetime Warranty* — Clifford systems are renowned for their reliability, so this is one feature you’ll probably never use. But if you do, it should comfort you to know that, unlike other manufacturers, Clifford *never* charges “*processing fees*” to provide warranty testing, parts or service.

Optional Accessories

- ☐ **Remote QuickLock™**—No more fumbling with keys in the dark or bad weather! Ask your Clifford Dealer for the "Dual-Button" version of Remote QuickLock: one remote control will command both Remote QuickLock *and* Smart Remote Starter.
- ☐ **UltraCode Remote Control Garage Door System (#60-215)**—With this system's dual-button miniature keychain remote control you will be able to individually command both your Smart Remote Starter and your home's electric garage door. It's more than just convenient: the UltraCode's *four billion* digital codes makes both your Smart Remote Starter and electric garage door impervious to the code-generating scanners used by professional thieves. What's more, your garage door remote control will be with you at all times, not left behind on your car's sun visor as a bonus to thieves. You can install the system in minutes with just a screwdriver—no special skill or technical knowledge required. Order the lower-cost Garage Door Programmable Receiver (#60-215nx) for use with the optional 16 Channel Remote Control.

Be aware: For safety reasons, the Smart Remote Starter must be used only on gasoline powered vehicles with an automatic transmission and fuel-injected engine.

CLIFFORD
ELECTRONICS, INC.

90-154B/SRSB

12/88

Smart Remote Starter™



**Start your vehicle
and its accessories
from up to 300 feet away!**

CLIFFORD
ELECTRONICS, INC.

An idea whose time has come . . . a remarkable automotive accessory that has universal applications. The Clifford Electronics Smart Remote Starter™ allows you to start your car's engine from as far away as 300 feet!

But that's not all. It also automatically starts up several of your car's other accessories, like the heater and defroster. It's perfect for those frosty winter mornings. You wake up, press a button on the miniature keychain remote control, have a cup of coffee, then head for a nice warm car with the frost melted off the windshield.

On one of those blistering hot summer days, just press the remote control button before you leave the office. When you enter your vehicle several minutes later, you're greeted with a refreshingly cooled interior.

Worried about getting delayed and forgetting that the engine is running? Worry no longer. Smart Remote Starter's AutoShutDown™ feature will automatically shut down the engine after 10 minutes. Or, if you prefer, just tap the button on the remote control again and you will remotely shut down the engine.

Clifford Electronics delivers this incredible innovation and convenience without compromising *any* safety or security considerations.

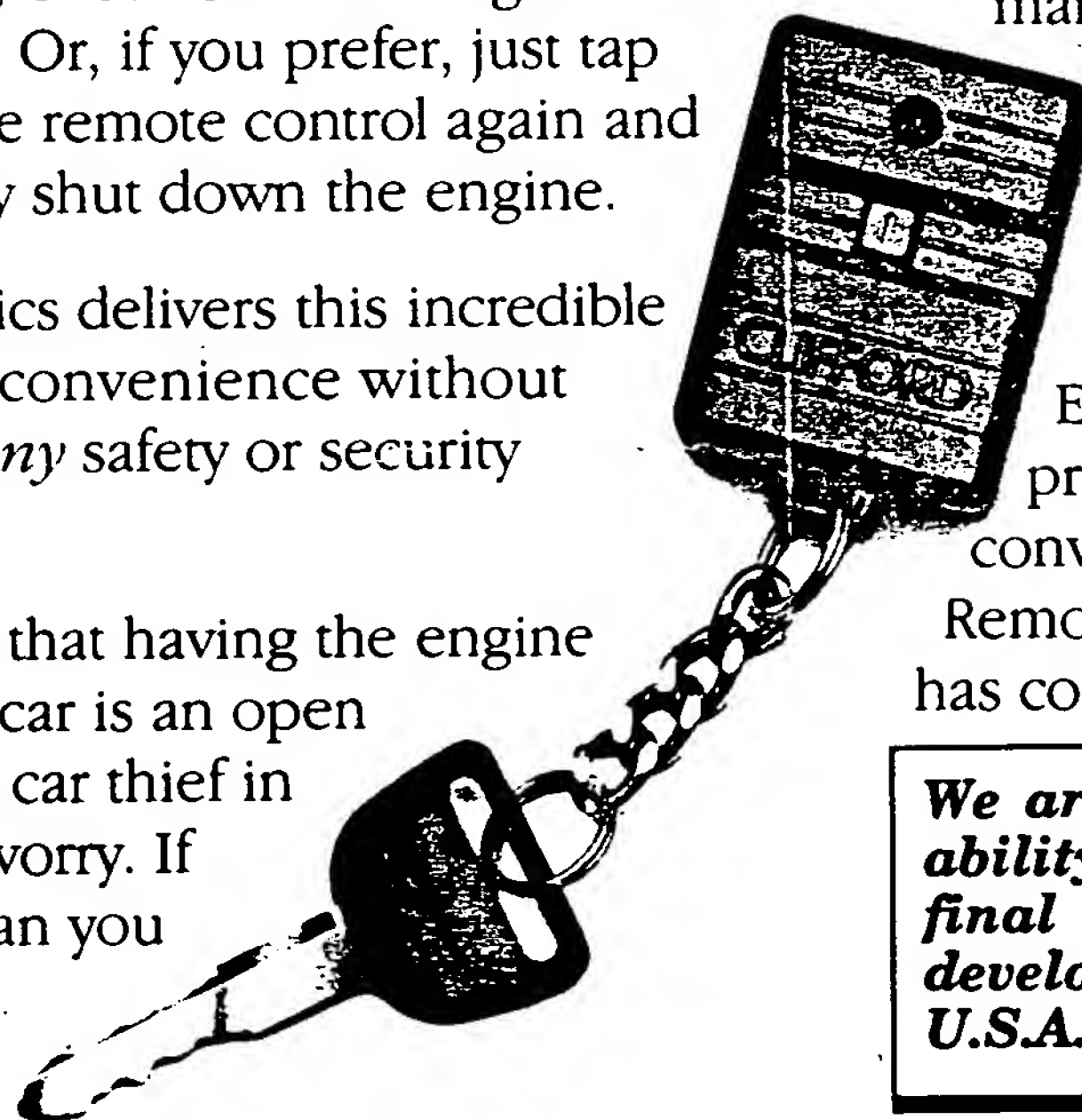
You might think that having the engine running in your car is an open invitation to any car thief in the area. Don't worry. If anyone other than you tries to drive the

vehicle, or even open the hood, the Smart Remote Starter will immediately shut down the engine. It won't budge an inch. After all, we didn't name it the Smart Remote Starter for nothing.

Clifford Electronics is the world's leading manufacturer of high-technology automobile security and convenience systems. The Smart Remote Starter is the epitome of comfort and safety for owners of vehicles equipped with an automatic transmission and fuel-injected engine. Our research scientists, using computer-aided design, created a breakthrough in remote starting technology that is not only innovative, but is also *user-friendly*.

The core of the Smart Remote Starter is its artificial intelligence algorithm utilizing parallel processing with dual microprocessors that execute instructions at a remarkable speed of more than 4,000,000 operations per second. The Smart Remote Starter's artificial intelligence will initiate, manage, control and supervise a complex sequence of events, managing and monitoring all the vital parameters of the starter, engine and accessories.

Even a cursory review of the system's principle features will immediately convince you of the merits of the Smart Remote Starter . . . an idea whose time has come.



We are fanatics about quality and reliability. From the microchip level to the final test, our systems are designed, developed and manufactured in the U.S.A. to the most rigorous standards.

Standard Feature

- ☒ **Dual Microprocessors**—Using parallel processing and an artificial intelligence algorithm to execute, control and supervise all system operations.
- ☒ **Remote Control**—For security, safety and convenience, a miniature keychain remote control with 16,000 possible digital code combinations will start the engine or shut it down from a typical range of more than 300 feet.
- ☒ **Safety Check**—Automatically performs extensive safety checks prior to starting the engine. All of the following safety conditions must be met or the vehicle will not be started:
 - ☒ Transmission must be in park
 - ☒ Engine must be off
 - ☒ Engine must not be overheated
 - ☒ Hood must be closed
- ☒ **MultiRemote Recognition**—This remarkable feature lets you instantaneously use any Clifford remote control regardless of its type or specific digital code. A mere push of a button is all it takes. Deleting the code of a lost or stolen remote is just as easy. Moreover, the system can simultaneously accept up to four remote controls in any combination. Choose any, or all, of these remote controls:
 - ☒ **Standard Remote Control:** With 16,000 digital code combinations.
 - ☐ **MegaCode™ Remote Control:** With 1 million digital code combinations.
 - ☐ **16 Channel Remote Control**—Clifford's newest innovation. A user-friendly, dual-button remote control with an unbreachable *4 billion* codes. It lets you command any combination of up to *16* separate electronic garage doors, Smart Remote Starters, Clifford vehicle security systems and accessories such as power windows and door locks.
- ☒ **Visual Confirmation**—The vehicle's parking lights will blink twice to acknowledge—from a distance—initiation of the engine start-up process.

☑ **Automatic Fuel Priming**—The electronic fuel pump is automatically activated a fraction of a second prior to starter cranking, allowing proper and safe priming of the engine.

☑ **AutoRestart**—If the engine does not start, or starts and then stalls, Smart Remote Starter will automatically try to restart the engine up to three times.

☑ **Automatic Cold Weather Cranking**—Starter will crank for up to ten seconds or until the engine starts, whichever occurs first.

☑ **Built-In "Over-Rev" Protection**—Automatically regulates and guards against runaway (stuck) throttle conditions.

☑ **AutoShutDown**—The Smart Remote Starter will automatically shut down the engine if the vehicle is left attended for more than 10 minutes.

☑ **StarterGuard**—Automatically prevents grinding of the starter if you inadvertently turn the ignition switch to the starter position while the engine is running.

☑ **Trunk-Mount Antenna**—An elegant high-gain trunk-mount antenna provides exceptional remote control range.

☑ **Anti-Theft Measures**—If anyone other than you attempts to drive the vehicle while the engine is running, Smart Remote Starter will automatically and immediately shut down the engine if any of the following occur:

☑ Transmission is moved out of the park position

☑ Brake pedal is pressed

☑ Engine exceeds 3,000 rpm

☑ Hood is raised

☑ **Owner Recognition**—The vehicle may be driven only after the ignition switch is turned to the "ON" position and the brake pedal is pressed. Smart Remote Starter will then relinquish control, and the vehicle will operate normally.

- ☑ **StarterGuard™**—Prevents grounding of the starter if you inadvertently turn the ignition switch to the starter position while the engine is running under the control of your Smart Remote Starter II.
- ☑ **ElectroLoop™ Antenna**—This sophisticated miniaturized electronic antenna is virtually invisible, yet delivers superb remote control range.

Optional Accessories

- ☐ **16 Channel Remote Control**—Clifford's patented, user-friendly remote control lets you individually command up to 16 separate garage doors, IntelliGuard/AvantGuard/Smart Remote Starter II systems on other vehicles, and security system accessories that will remotely control your vehicle's memory seats, power windows and trunk release. All with the security of an incredible *four billion digital codes*.
- ☐ **Additional Remote Controls**—For other drivers of the vehicle, you may add up to three additional Clifford remote controls, regardless of type or code. All it takes is a flick of a switch and a press of a button! No costly and time consuming coding procedures. Your Smart Remote Starter II can respond to as many as four differently coded remote controls.
- ☐ **Garage Door Programmable Receiver**—Command your electric garage door with button II on the remote control. Your garage door remote control will be on your keychain and with you at all times, not left behind on the car's sun visor as a bonus to any thief. Install the receiver yourself in minutes with just a screwdriver—no special skill or technical knowledge needed.
- ☐ **Remote Trunk Release**—Open your vehicle's trunk from 250 feet away with button II of your keychain remote control. It's the perfect convenience when carrying an armload of packages or groceries.

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MADE IN USA

CD-154C/SRS2B — 9/89

**Start your vehicle
and its accessories
from 250 feet away!**

CLIFFORD
BEYOND EXCELLENCE

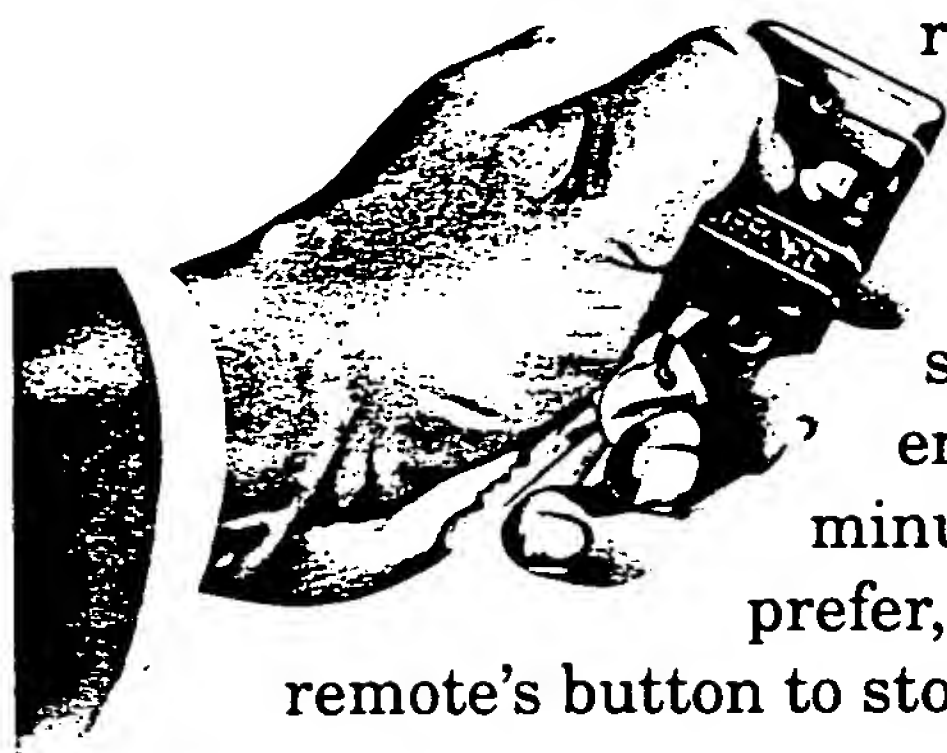


A remarkable automotive lifestyle and convenience accessory with universal appeal. The Clifford Smart Remote Starter II allows you to remotely start your car's engine and heater or air conditioner from a typical range of 250 feet!

It's perfect for those frosty winter mornings. You wake up, press a button on the miniature keychain remote control, have a cup of coffee, then head for a nice warm car with the frost melted off the windshield.

On those blistering hot summer days, just press the remote control button before you leave the office. When you later enter your vehicle, you will be greeted with a refreshingly cool interior.

If you are delayed or forget that the engine is running, the **AutoShutDown™** feature will automatically shut down the engine after 20 minutes. Or, if you prefer, just press the remote's button to stop the engine.



Clifford delivers these incredible innovations and convenience without compromising any safety or security considerations.

You may think that having the engine running in your car would be an open invitation to any car thief in the area. Don't worry. If anyone other than you attempts to drive the vehicle or open the hood, the Smart Remote Starter II will immediately shut down the engine. Your car won't budge an inch.

The Smart Remote Starter II will take care of you even if you are on a trip thousands of miles away. Whenever you wish, just flick a switch and your system will monitor your car's battery. If the voltage drops too low, the Smart Remote Starter II will automatically start and control the engine for 30 minutes or until the battery is properly charged, whichever occurs first. Thereafter, if necessary, this process will repeat every 8 hours.

The core of the Smart Remote Starter II is its artificial intelligence algorithm utilizing parallel processing technology with dual CMOS microprocessors that execute instructions at a remarkable speed of more than 4 million operations per second. The Smart Remote Starter II's artificial intelligence will initiate, control and supervise a complex sequence of events, managing and monitoring all the vital parameters of the starter, engine, electrical system and accessories. And we back it with a 5-year limited warranty.

Even a cursory review of the system's principle features will immediately convince you of the merits of the Smart Remote Starter II . . . an idea whose time has come.

Clifford Electronics is the world's leading manufacturer of high-technology automobile security and convenience systems. We are fanatics about quality and reliability. From the microchip level to the final tests, our systems are designed, developed and manufactured in the U.S.A. to the most rigorous standards.

Standard Features

☑ Dual-Button/Dual Channel Remote Control—

A press of button I on this miniature keychain remote control will start or shut down your vehicle's engine and all preset accessories (heater, air conditioner, etc.) from a typical range of 250 feet. Button II can remotely open your vehicle's trunk or activate your home's electric garage door, affording you greatly increased security and convenience (see Optional Accessories).

☑ AntiScan™—An electronic countermeasure makes certain your system code is unbreachable by electronic "scanners" that rapidly transmit one remote control code after another. Your Smart Remote Starter II's microprocessors will block out any codes generated by an illicit scanner.

☑ MultiRemote™ Recognition—For other drivers of the vehicle, this remarkable feature lets you instantaneously add, with a mere flick of a switch and press of a button, up to 4 off-the-shelf Clifford remote controls! Just as easily, the code of a lost or stolen remote control can be deleted.

☑ Dual CMOS Microprocessors—Parallel processing technology and an artificial intelligence algorithm are integrated to comprehensively execute, control and supervise all system operations. Yet despite its sophisticated data processing capabilities, the Smart Remote Starter II uses less power than your vehicle's clock.

☑ Safety Check—Automatically performs extensive safety checks prior to starting the engine. All of the following safety conditions must be met or the vehicle will not start:

- *Transmission must be in park*
- *Engine and ignition must be off*
- *Engine must not be overheated*
- *Hood must be closed*

☑ **Anti-Theft Measures**—The vehicle may be driven only after your ignition key is turned to the "ON" position. If anyone other than you attempts to drive the vehicle while the engine is running, your Smart Remote Starter II will automatically and immediately shut down the engine if any of the following occur:

- *Transmission is moved out of the park position*
- *Brake pedal is pressed*
- *Engine rpm exceeds a certain threshold*
- *Hood is opened*

☑ **Visual Acknowledgement**—The vehicle's parking lights will blink twice to acknowledge, from a distance, initiation of the engine start-up process. A single flash will indicate a no-start condition (if, for example, the transmission is not in park).

☑ **AutoStart™**—A remarkable Clifford innovation. Never again will your car battery be depleted even if you go on an extended trip. Whenever you wish, just a few flicks of a switch sets the system to automatically start the engine and recharge the vehicle battery if its voltage drops too low. The Smart Remote Starter II will automatically shut down the engine once the battery is properly charged or after 30 minutes, whichever occurs first. If the battery is not properly charged within 30 minutes, the process will repeat every eight hours until the battery is properly charged. AutoStart automatically will be canceled as soon as you drive the car.

☑ **Cold Weather Cranking**—The system will crank the engine for up to 10 seconds or until the engine starts, whichever occurs first. If the engine does not start, or starts and then stalls, your Smart Remote Starter will automatically try to restart the engine up to two additional times.

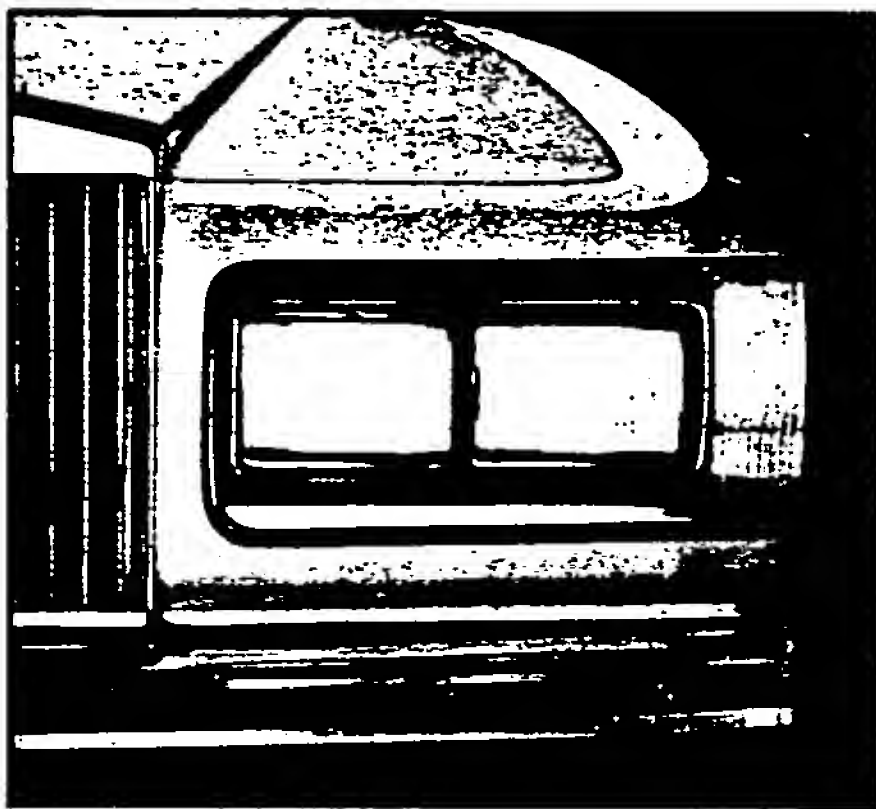
☑ **AutoShutDown™**—Automatically shuts down the engine after 20 minutes if the vehicle is left unattended.

✓ **Smart Remote Trunk Release Capability** — It's the perfect feature when carrying an armload of groceries. To ensure against accidental activation, the trunk will remotely open only if the doors are unlocked and the vehicle is not being driven (may require optional parts).

✓ **Remote Controlled Headlight Activation**

Capability —

To light your way to and from the vehicle, one press of a button on your Smart Remote Starter III remote control will turn on



your vehicle's headlights for any duration of your choice between one second and two minutes (requires an optional relay).

✓ **Remote Control Code Learning** — With just a few flicks of a switch any time or place, you may add up to four off-the-shelf Clifford remote controls to the system. Just as easily, the code of a lost or stolen remote control can be deleted so that the missing remote can never be used to control your system.

✓ **UltraSecure Coded Program Mode** — Assures that no unauthorized person can tamper with your system's programming or secretly add their own remote control, the system's programming mode can be accessed only after you enter a personal code that you select.

✓ **Interfaces with Factory Theft Deterrent Devices** — If your vehicle has a factory-installed theft deterrent device, the Smart Remote Starter III can make it a full-fledged remote controlled car alarm.

✓ **Automatic Transmission Required** — The Smart Remote Starter III is intended exclusively for vehicles with an automatic transmission. It works with both gasoline and diesel engines (diesels require an adapter).

CLIFFORD

World-Class Auto Security

Start Your
Car's Engine
and Heater
or Air
Conditioner
With a
Press of a
button from
up to 300
feet away.



THE ULTIMATE LIFESTYLE AND CONVENIENCE ACCESSORY — SMART REMOTE STARTER III.

Remote engine starting is perfect for those frosty winter mornings. You wake up, press a button on the miniature keychain remote control, have a cup of coffee, then head for a nice warm car with the frost melted off the windshield.

On those blistering hot summer days, just press the remote control button before you leave the office. When you later enter your vehicle, you will be greeted with a refreshingly cool interior.



Clifford delivers these incredible innovations and convenience without compromising any safety or security considerations. You may think that having the engine running in your car would be an open invitation to any car thief in the area. Don't worry. If anyone other than you tries to drive your car or open the hood, your Smart Remote Starter III will immediately shut down the engine. Your car won't budge an inch.

Even a cursory review of the following standard features will immediately convince you of the merits of remote engine starting . . . an idea whose time has come.

☒ **A Pair of 4-Button/12-Channel Remote Controls—**

You will never again fumble with your car keys in the dark or bad weather. The remote controls give you fingertip command of all these exciting convenience features from a typical range of 300 feet:

- Remotely start or shut down your car's engine and all preset accessories (heater, air conditioner, etc.)
- Remotely lock and unlock your vehicle's power door locks. For your convenience and security, when you remotely unlock the doors, your vehicle's interior courtesy light(s) will turn on and stay on for 30 seconds or until you drive.
- Remotely activate the headlights for any duration of your choice between one second and two minutes to light your way to and from your vehicle.
- Remotely activate an optional trunk release.
- If your vehicle has a factory-installed theft deterrent device, your Smart Remote Starter III can be set to transform it into a completely remote controlled vehicle security system.

☒ **Automatic Safety Checks —** Your Smart Remote

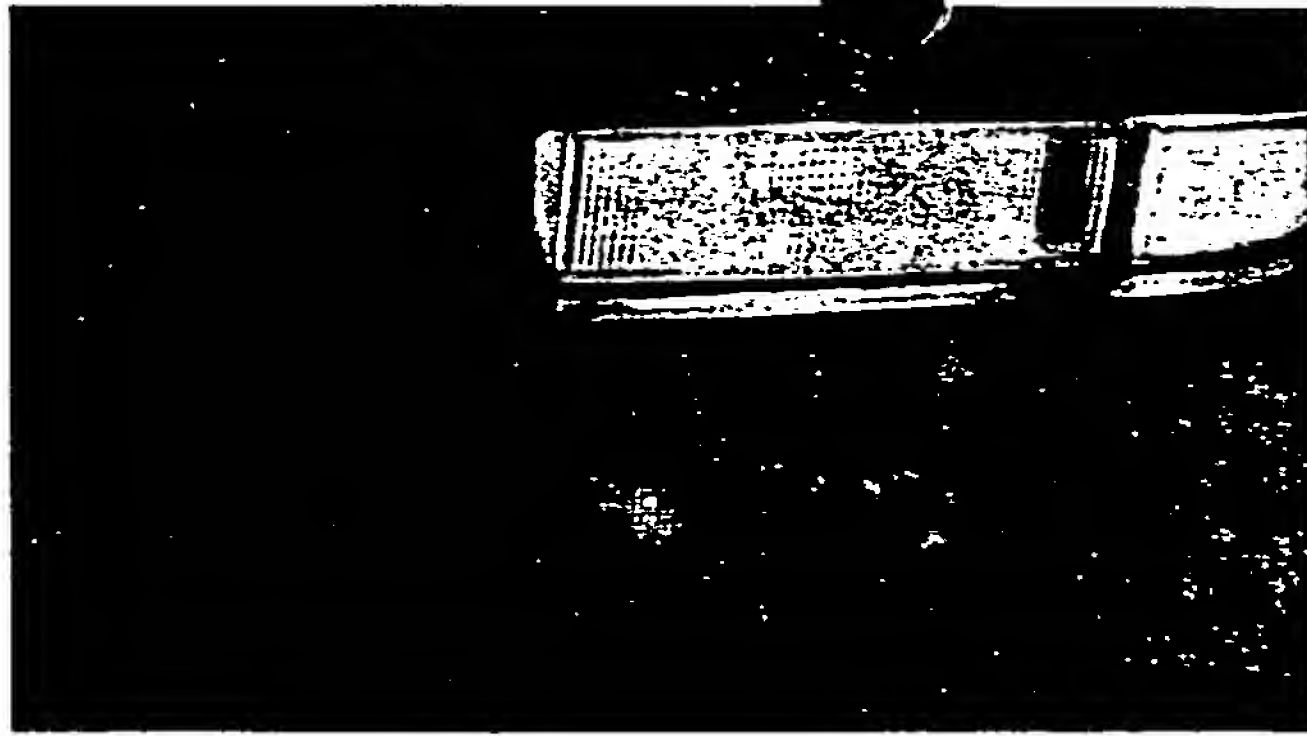
Starter III automatically ensures that all of the following safety conditions are met or the vehicle will not be remotely started:

- Transmission must be in park
- Engine and ignition must be off
- Engine must not be overheated
- Hood must be closed

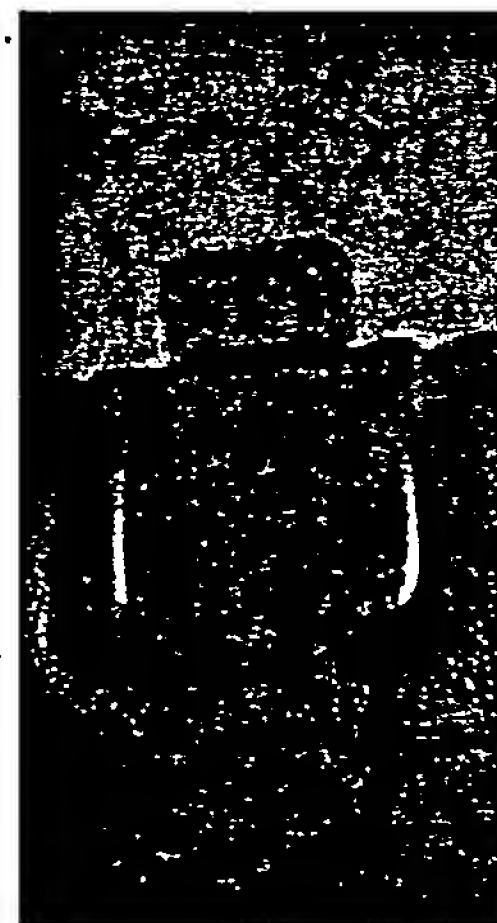
☒ **Anti-Theft Measures —** Your car may be driven only

after your ignition key is turned to the "ON" position. If anyone other than you tries to drive the vehicle while the engine is running, the system immediately shuts down the engine if:

- The transmission is moved out of the park position
- The brake pedal is pressed
- Engine rpm exceeds a certain threshold
- The hood is opened



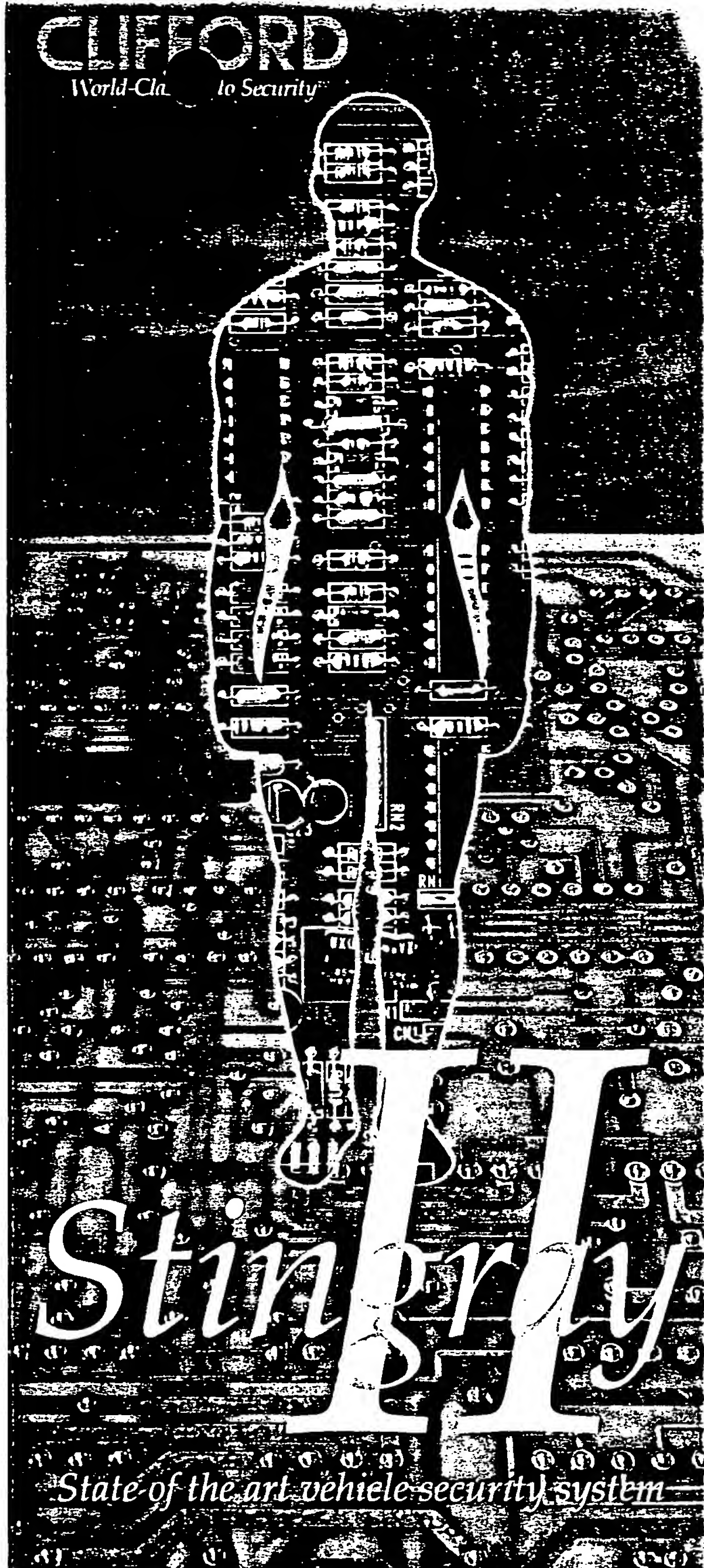
- ✓ **Visual Acknowledgment** — Your car's parking lights will blink twice to acknowledge initiation of the engine start-up process and then remain on for continuing visual confirmation for as long as the engine idles under the control of your Smart Remote Starter III.
- ✓ **Cold Weather Cranking** — Automatically cranks the engine for up to 10 seconds or until it starts, whichever occurs first. If the engine does not start, or starts and then stalls, your Smart Remote Starter III or will automatically try to restart the engine up to two additional times.
- ✓ **AutoShutDown™** — The Smart Remote Starter III automatically shuts down the engine after 30 minutes if the vehicle is left unattended.
- ✓ **StarterGuard™** — Prevents grinding of the starter if you inadvertently turn the ignition switch to the starter position while the engine is running under the control of your Smart Remote Starter III.
- ✓ **Remote Door Locking/Unlocking** — A press of a button on the Smart Remote Starter III remote control from up to 300 feet away will lock all the vehicle doors. Remote door locking is visually confirmed by two flashes of the parking lights. Press again and the doors will unlock, which is confirmed with a single parking light flash.



- ☑ ***AutoLock and AutoUnLock*** — For your safety when you begin driving, all the doors automatically lock. Conversely, the doors automatically unlock when you park and turn off the ignition. If you prefer, you may turn off one or both of these features via program mode or with just a press of a button on your remote.
- ☑ ***SelfLocking Doors*** — If you wish, you can program your Smart Remote Starter III to automatically lock the doors 30 seconds after you park and exit your car, even if you forgot to lock them with the remote control.
- ☑ ***ShortStop Mode*** — Now you don't need to shut off the engine when leaving your car parked for a few moments (such as when stopping at a convenience store or making a delivery). Just press button 2 while the engine is still running and you can remove the keys, exit, and remotely lock the doors *without* shutting down the engine.
- ☑ ***AutoStart™ Battery Mode*** — Never again will you return to a dead car battery. Whenever you wish, just a press of a button on your remote control sets the system to continually monitor the vehicle battery while you are away. If the battery's voltage drops below a preset level, the system will automatically start the engine and recharge the battery (to conserve battery power, the Smart Remote Starter III will not activate the parking lights or any preset accessories in this mode). Likewise, the system automatically shuts down the engine once the battery is properly charged or after 30 minutes, whichever occurs first. If needed, the process will repeat every eight hours until the battery is properly charged. AutoStart is automatically canceled as soon as you drive your car.
- ☑ ***AutoStart Temperature Mode*** — You will never return to your car to find a busted radiator or frozen oil in the crankcase. If you wish, you may set your Smart Remote Starter III to AutoStart the engine if the engine temperature drops below 15°F (–9°C). If you want to avoid any unwelcome surprise caused by cold weather, you can set the AutoStart feature to monitor both the engine temperature and the voltage level just by pressing a button on your remote control.

- ✓ **High-Output Siren:** Loud wail with Automatic Noise Abatement that limits alarm sounding to no more than 3 minutes if a door is left open in the wake of an intrusion to ensure against battery drain or towing of your vehicle due to noise pollution.
- ✓ **Extended Range Antenna:** With Clifford's unique discrete miniaturized receiver module, the remote control range of your Stingray II will be at least *twice* that of any competitor's alarm.
- ✓ **User-Selectable AutoArming™:** Automatically arms itself if you forget.
 - **AutoArming Enable/Disable:** Whenever you wish, you may deactivate or reactivate AutoArming with just a few flicks of a switch.
- ✓ **High-Luminescence LED Status Indicator:** Bright red LED adds visual deterrence and identifies system status.
- ✓ **Magnetic Resonance Sensor™:** Converts vibrations caused by intrusion attempts into magnetic flux to deliver reliable electronic detection and wider-perimeter protection than other sensors.
- ✓ **Channel 2 Output for an Optional Accessory:** Allows you to remotely command an optional accessory, such as a remote boot release, remote control of the power windows and sunroof, remote headlight activation, remote controlled power memory seats, even remote engine starting.
- ✓ **Boot/Bonnet Trigger Input:** Allows for full perimeter protection of the engine compartment and boot contents (may require optional pin switches and wiring).

The Stingray II is covered by the following Clifford Electronics U.S.A. patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.
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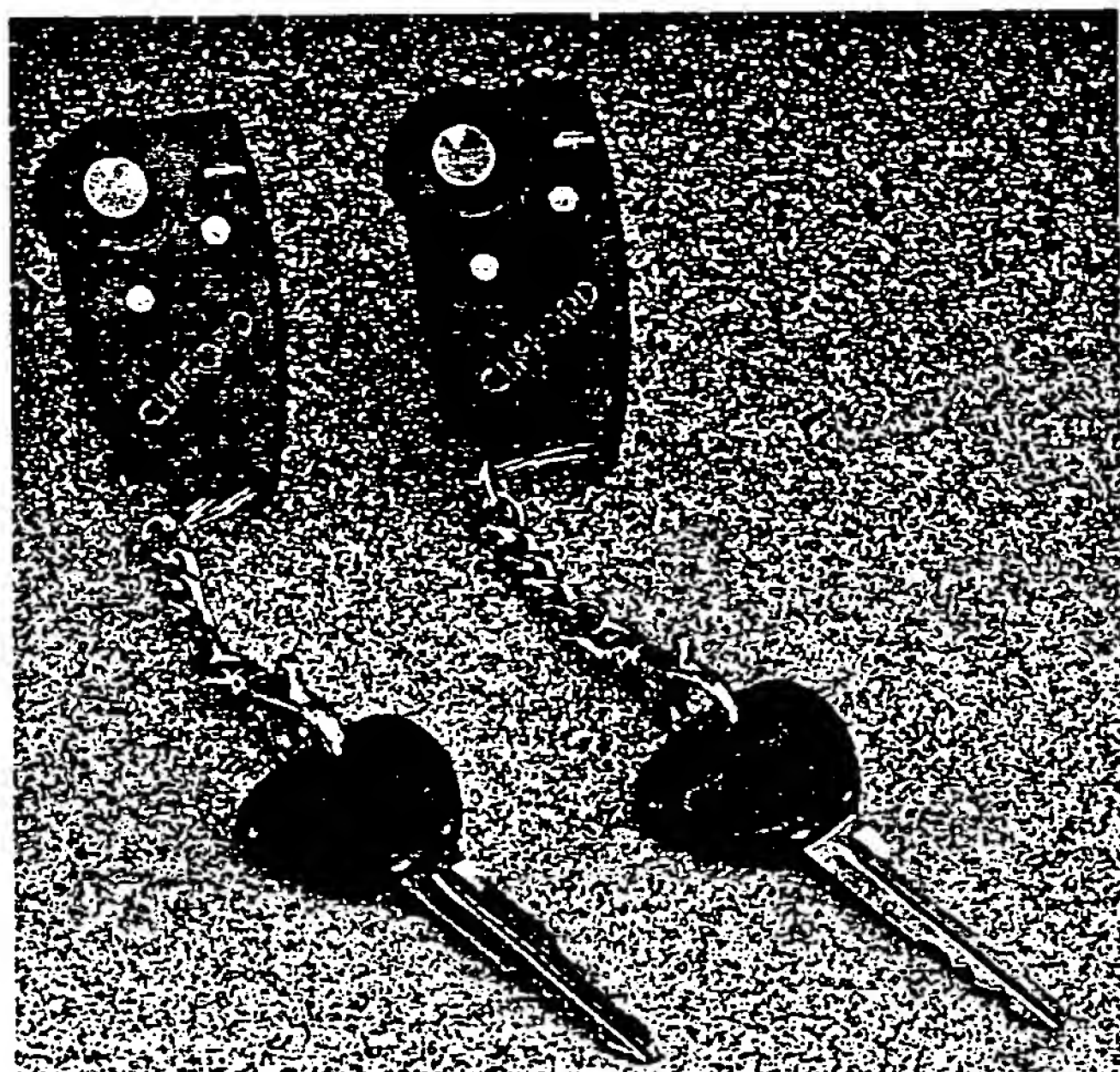
The advertisement features a large, stylized graphic of a human figure composed of electronic circuitry and components, set against a background of a circuit board. At the top, the word "CLIFFORD" is written in a large, bold, sans-serif font, with the tagline "World-Class to Security" underneath. The figure's torso is filled with various electronic symbols and components. At the bottom of the figure, the words "Stingray II" are written in a large, elegant, cursive script. Below this, the phrase "State of the art vehicle security system" is written in a smaller, sans-serif font.

THE NEW CLIFFORD STINGRAY™ gives you the upper hand even against accomplished car thieves. This user-friendly, microprocessor-controlled security/convenience system is loaded with ingenious features unmatched by any other competitive product.

The Stingray II's pair of stylish 3-button/3-channel digital keychain remote controls let you easily and remotely command the vehicle security system and, optionally, the power door locks and a remote controlled boot release or other option.

Clifford Electronics is world-renowned for its leading edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability. In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge. We are so certain of the Stingray II, we even back it up with a **£500 AntiTheft Guarantee**.

Even a quick glance at the Stingray II Standard Features list will convince you of the outstanding security, reliability and lifestyle convenience benefits of this exceptional system.



Standard Features of Stingray II

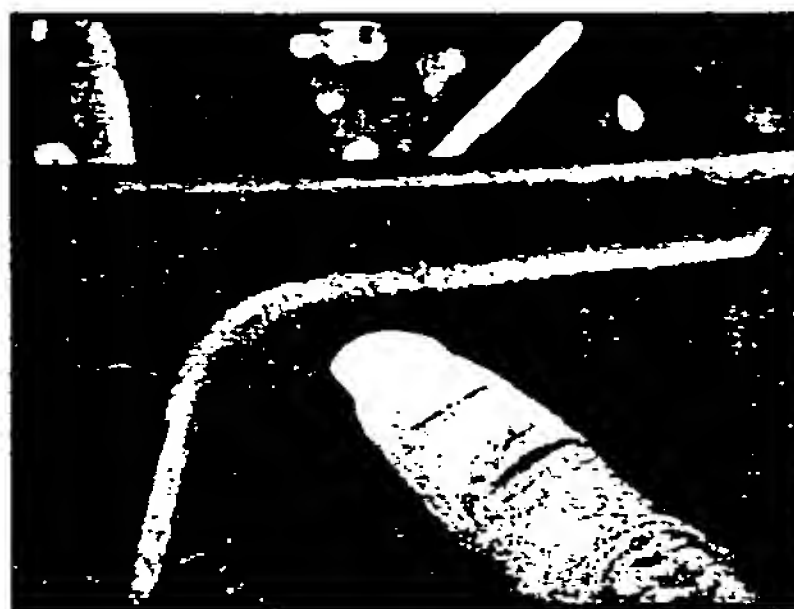
- ☑ **£500 AntiTheft Guarantee:** If your Stingray II protected vehicle is stolen and not recoverable, Clifford Electronics will *pay you the sum of £500* (see the AntiTheft guarantee card for details).
- ☑ **Lifetime Warranty:** This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge (see the warranty card for details).
- ☑ **FACT™—False Alarm Control and Test:** One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound a second time, you *will know for sure* that someone is tampering with your vehicle.
- ☑ **A Pair of 3-Button/3-Channel Remote Controls:** You'll have fingertip command of your Stingray II from a distance. A press of a button on the keychain remote control is all it takes to:
 - ✓ Arm your Stingray II system and automatically lock* all the vehicle's doors.
 - ✓ Disarm and automatically unlock* the doors.
 - ✓ Activate the remote panic feature anytime from inside or outside the car, or even while driving.
 - ✓ Activate an option such as a remote boot release, remote power window/sunroof control, or even remotely start your car's engine and heater or air conditioner!
- ☑ **Patented Remote Control Code Learning:** A few flicks of a switch lets you match up to two different Clifford remote controls to your Stingray II. Just as easily, the code of a lost or stolen remote control can be deleted.

*Some vehicles require optional relays.

☑ **Failure-Proof, Tandem Ignition Immobiliser:**

Other brands of immobilisers can, in the event of a malfunction, shut off the engine while you are driving! That means you could suddenly lose all power steering and brake control on the thoroughfare. Fortunately, the Stingray II has Failure-Proof Tandem Circuitry. Stingray II's exclusive secondary backup circuitry ensures that your vehicle is completely safe for you to drive even in the unlikely event of a system malfunction, yet immobilised while armed.

☑ **UltraSecure Coded Valet Mode™:** All other brands of alarms use a so-called "hidden" valet switch that any car thief can find within seconds and use to immediately turn off the alarm. In contrast, Clifford's UltraSecure Coded Valet Mode



provides unbreachable security that no criminal can overcome and that no other manufacturer offers. This

remarkable security is achieved with an attractive console-mounted PlainView™ switch similar to those used in Rolls-Royce vehicles. But beauty is more than skin deep. This switch is easy to use and lets you set your own personal code with up to 1,000 different possibilities. And, any time you wish, you can change your code. No thief can breach the exclusive security of Clifford's coded valet switch even if he tries entering codes at random. Why? Because after three incorrect codes are entered, the system ignores any more code entry attempts . . . *even if the thief were to actually stumble onto your secret code!*

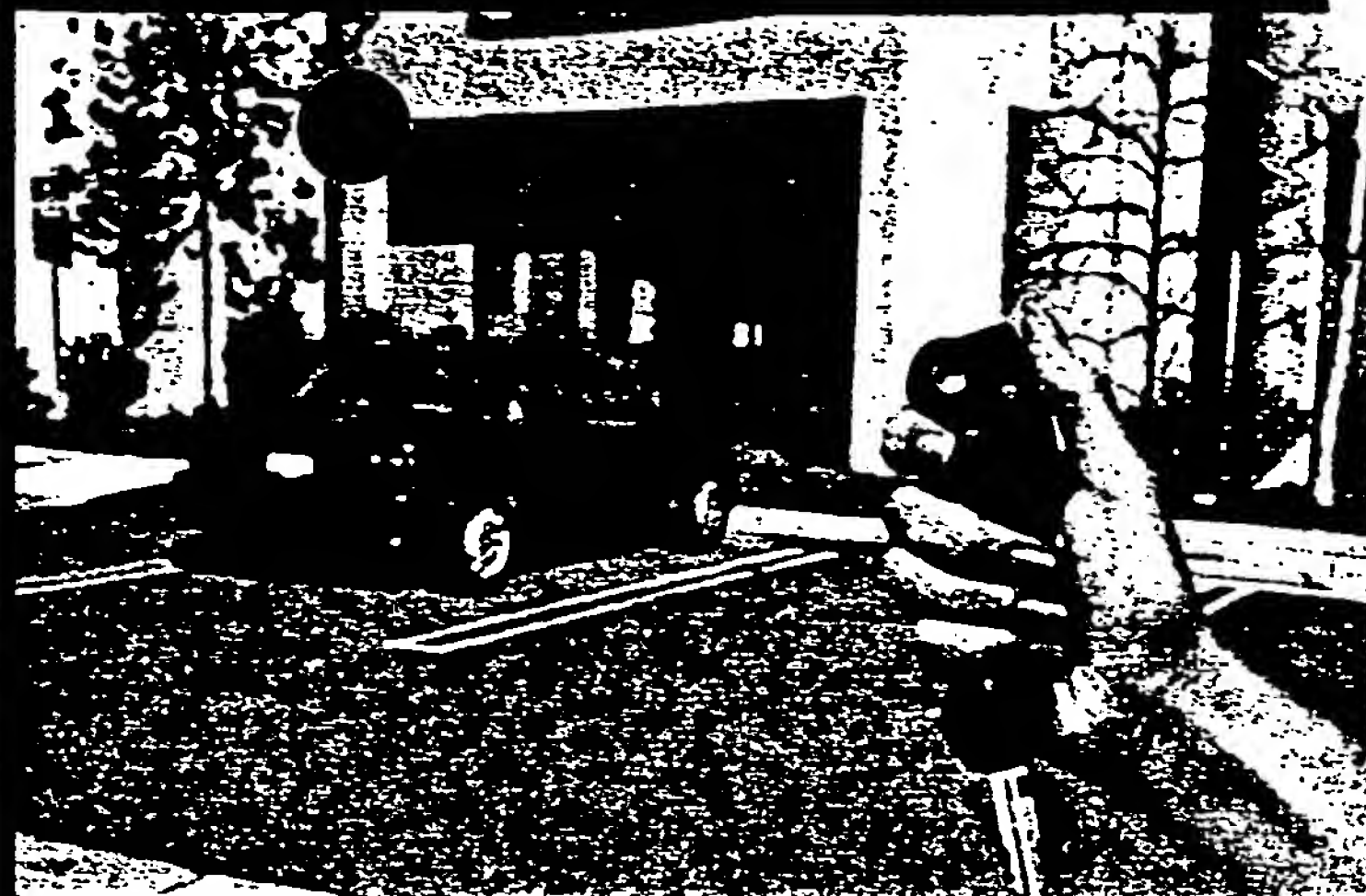
- ☒ **Remote Controlled Chirping:** Whenever you arm or disarm with the remote control, the siren "*chirps*" and the indicator lights flash to confirm system status. Whenever you wish, you can mute the chirps on the go from outside the car without any pre-planning! Just a press of a button on the remote control does the trick when parking late at night in a quiet residential area.
- ☒ **Remote Door Locking/Unlocking:** *No more fumbling with keys in the dark or bad weather!* One press of a button on the remote control simultaneously arms the system *and* locks all doors. Another press disarms *and* unlocks (some vehicles require optional relays).
- ☒ **Built-In Indicator Light Flasher:** Visually confirms alarm and door lock status.
- ☒ **Patented AutoTesting™:** The Stingray II system automatically tests all triggers and sensors every time you remotely arm and warns you if you accidentally arm the system with the boot or bonnet open. If there is a *genuine* malfunction, your Stingray II will alert you of the problem with a special chirp and indicator light flash sequence.
- ☒ **Patented Malfunction AutoBypass™:** In the unlikely event of a trigger or sensor malfunction, your Stingray II will automatically bypass the problem and arm all other points to *continue* relentless protection of your vehicle.
- ☒ **Patented Prior Intrusion Attempt Alert:** When you remotely disarm, Stingray II will audibly and visually alert you from a distance if an intrusion attempt was foiled while you were away.
- ☒ **Full-Time Remote Panic™:** For safety, you can remotely activate the siren and flashing parking lights from a distance or even while driving.

☐ **Optional Remote Commander Plus Package**

Tailor the Remote Commander system to fit your needs with the **Remote Commander Plus**. With the **Plus** package, you get, for a single attractive price, security features that may qualify you for insurance discounts, and a number of valuable, user-friendly, lifestyle-enhancing features:

- ☒ **Fault-Proof™ Starter Interrupt** — When you remotely lock the doors, your vehicle's starter will be automatically interrupt, preventing an intruder from starting the engine. You may also set the starter interrupt feature to automatically activate 30 seconds after the last person leaves the vehicle — even if you forget to lock the doors. When you remotely unlock the doors, full starter functions are restored.
- ☒ **User-Selectable Automatic (Passive) SelfLocking Doors** — You may, at any time, set/reset Remote Commander to automatically lock your vehicle's doors if you forget to lock them with your remote control.
- ☒ **Patent-Pending UltraSecure™ Coded Valet Mode** — All other systems with a starter interrupt device use a so called "hidden" valet switch that any car thief can find in seconds and use to immediately turn off the starter interrupt. In contrast, Clifford's new UltraSecure Coded PlainView™ Valet Switch provides easy access to the driver, plus unbreachable code security that no criminal can overcome and no other manufacturer offers.
- ☒ **Patented Remote Control Code Learning and MultiRemote Recognition™** — You can instantly match to your system up to four different Clifford remote controls. Just as easily, the code of a lost or stolen remote control can be permanently deleted from the system's memory. That means your Remote Commander system can never be controlled by someone who found or stole your remote control.
- ☒ **User-Selectable AutoLock/AutoUnLock** — If you prefer, you may turn the AutoLock/AutoUnLock feature on or off whenever you wish.
- ☒ **Programmable Headlight Illumination Duration** — If you have purchased the optional remote controlled headlight feature, you can easily adjust the length of time your vehicle's remotely activated headlights remain on from as little as 1 second to as long as 2.5 minutes.
- ☒ **Remote Controlled Window/Sunroof Closure** — On many vehicles including several models of BMW, Volkswagen and Jaguar, Remote Commander's integrated timer can be used (instead of a headlight timer) to remotely close all the vehicle's power windows and the power sunroof without the need for additional modules.

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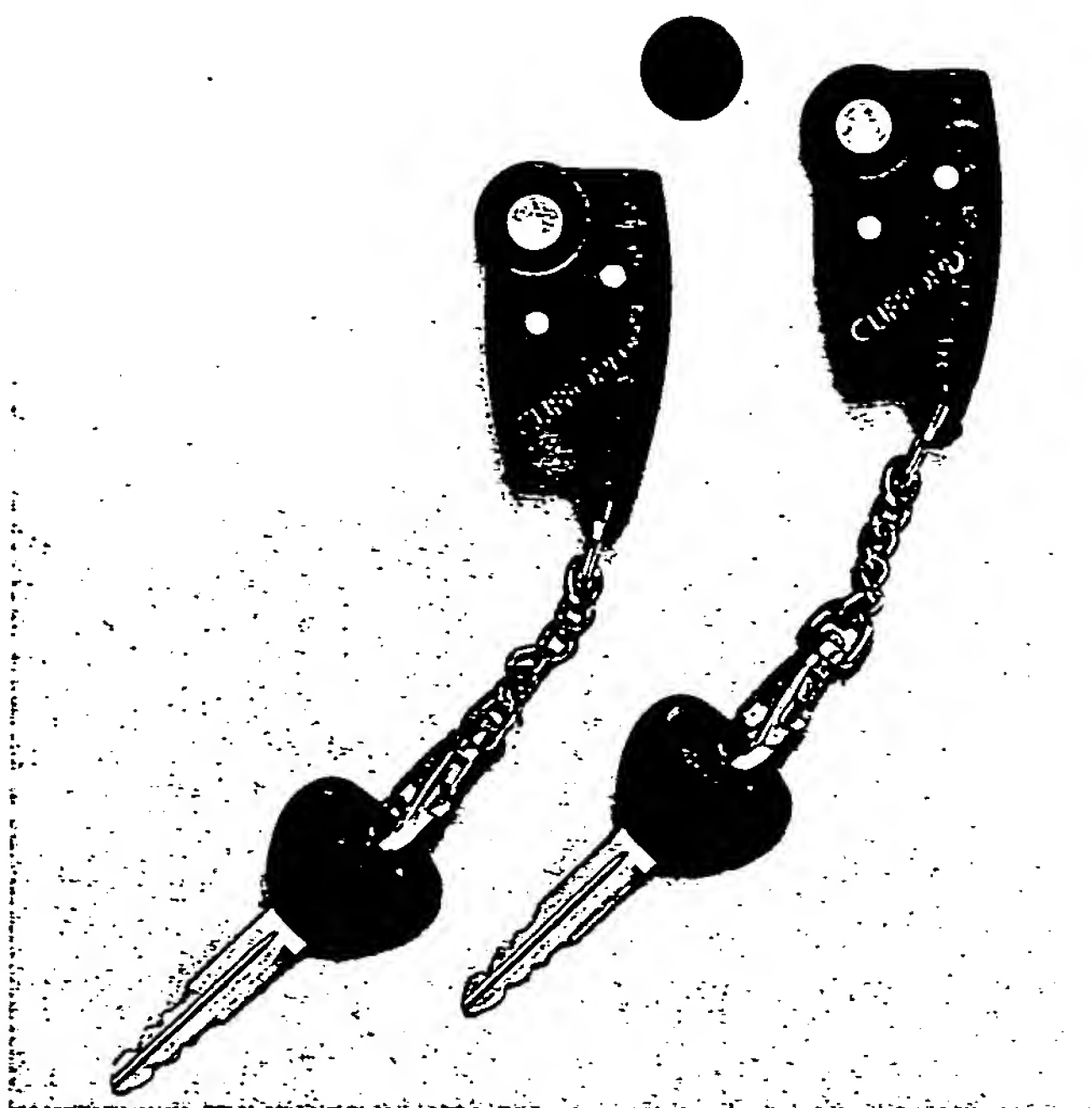
"Say good-bye to fumbling for your car keys in bad weather, and stumbling in the dark as you walk to and from your car."

Remote Commander

*The World's Best
Remote Keyless
System*

CLIFFORD

WORLD CLASS AUTO SECURITY™



Standard Features

- ☑ **Lifetime Warranty** — This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford will repair or replace the control unit and remotes free of charge and, unlike other companies, we never impose “processing fees” or “handling charges.”
- ☑ **A Pair of 3-Button/3-Channel Remote Controls** — These user-friendly keychain remote controls give you fingertip command of security and lifestyle convenience features from a typical range of 100 feet.
- ☑ **Remote Door Locking/Unlocking** — No more fumbling with keys in the dark or bad weather. A press of a button on the remote control simultaneously locks all the doors. Another press unlocks the doors for you and your passengers.
- ☑ **Visual Confirmation** — When you remotely lock or unlock your vehicle’s doors, Remote Commander will confirm their status by flashing the parking lights *once* to signal unlocked, and *twice* for locked.
- ☑ **AutoLock™/AutoUnlock™** — For your safety, when you begin driving, all your vehicle’s doors automatically lock. Conversely, the doors automatically unlock when you park your car.
- ☑ **Remote Controlled Courtesy Lighting** — When you remotely unlock the doors, the interior lights automatically turn on and stay on until you start the engine or for 30 seconds, whichever occurs first.
- ☑ **Interface for Factory-Installed Theft Deterrent Device** — If your vehicle has a factory-installed, non-remote control, theft deterrent device, Remote Commander turns it into a remote controlled car alarm! So when you remotely lock/unlock your vehicle’s doors, Remote Commander will automatically arm/disarm your theft deterrent system.
- ☑ **Remote Trunk Release Capability** — Allows you to actuate the vehicle’s electric trunk release from up to 100 feet away, even if you’re carrying packages with both hands. To prevent unintentional activation, an electronic interlock assures that the trunk release may be remotely activated only when the vehicle’s doors are unlocked (requires an optional relay).
- ☑ **Remote Headlight Activation Capability** — A single press of a button on your remote control will turn on the headlights for 15 seconds to light your way to and from your vehicle (requires an optional relay).
- ☑ **Additional Outputs for More Optional Accessories** — Use them for remote controlled accessories such as power window control, memory seat activation, remote engine starting and/or other great conveniences.

With the Remote Commander Keyless System, you can say goodbye to fumbling for your keys in bad weather, or stumbling in the darkness as you walk to and from your vehicle. Remote Commander gives you convenience and security features unavailable in other remote keyless entry systems. With just a fingertip touch on the keychain remote control, you will command a wide array of exquisite convenience and security features.

And to make Remote Commander a perfect fit with your driving needs we have made it modular so you easily add the optional Commander Plus Package. The Plus package delivers, at a very affordable price, a treasure of additional lifestyle convenience and security features. In fact, the security features alone may save you more than the price of the entire system by qualifying you for insurance discounts.

Even a casual review of the Remote Commander’s state of the art features and those of its companion *Plus* package will convince you of their value.

- ✓ **Remote Door Lock/Unlock On** — No more fumbling with keys in the dark or bad weather! One press of a button on the remote control simultaneously arms the system *and* locks all doors. Another press disarms and unlocks (may require optional relays).
 - **Remote Keyless Entry in Valet Mode** — The remote control may be used to lock/unlock the car doors and activate remote accessories even in valet mode.
- ✓ **Prior Intrusion Attempt Alert** — When you remotely disarm, Sabre audibly and visually alerts you if an intrusion attempt was foiled while you were away.
- ✓ **Fault-Proof Starter Interrupt** — Built-in relay prevents an intruder from starting the engine, but allows you to start it even in the event of a full system failure.
- ✓ **Dual-Level Tampering Warning** — You can set the system to issue a rapid five-chirp warning whenever Sabre detects any tampering to the exterior of your vehicle. If there is any further tampering, or if the bonnet, boot or a door is opened at *any* time, Sabre will sound its continuous 125dB siren blast.
- ✓ **AutoArming** — Sabre arms itself automatically ("passively") if you forget. This may qualify you for an insurance discount (ask your insurance company).
 - **AutoArming Enable/Disable** — Deactivate or reactivate AutoArming with a few flicks of a switch.
 - **AutoArm & Lock** — You may set Sabre to automatically lock the car doors every time the system AutoArms.
- ✓ **High-Output Siren** — Loud 125dB siren scream.
- ✓ **LED Status Indicator** — Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ✓ **Magnetic Resonance Sensor** — Reliably detects vibrations caused by tampering, forced entry and attempts to tow the vehicle.
- ✓ **Full-Time Remote Panic** — You can remotely activate the siren and flashing indicator lights, even you or your vehicle are threatened while driving.
- ✓ **Secured Valet Mode** — Permits vehicle servicing and valet parking without relinquishing the remote control.

Clifford Electronics is continually improving its products. As such, some features noted may be changed or enhanced.

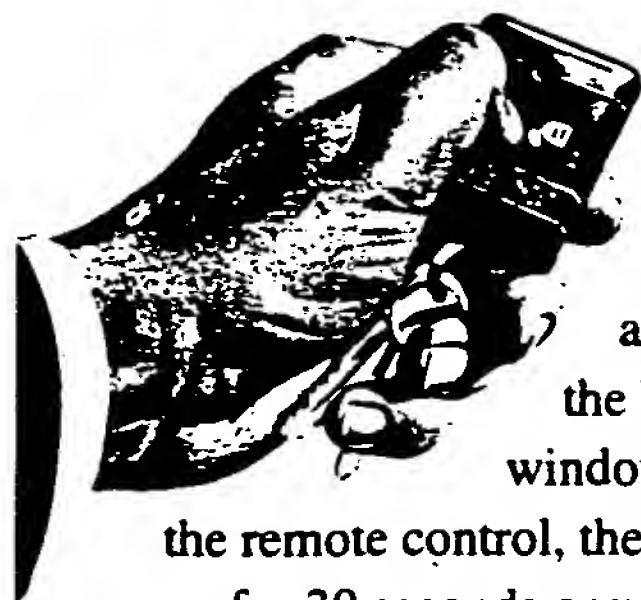
CLIFFORD

WORLD-CLASS AUTO SECURITY™

*Remote
controlled
car alarm*



YOU HAVE INVESTED A SUBSTANTIAL AMOUNT OF MONEY IN YOUR AUTOMOBILE, yet you must park it on the street where it is easy prey to thieves and vandals. Protect your investment with the exceptional security of Sabre. Unlike other systems that repeatedly sound false alarms (since they cannot distinguish between an attempted intrusion and an improperly adjusted sensor) Sabre's patented FACT (False Alarm Control and Test) feature *absolutely, positively eliminates recurring false alarms.*



Sabre is extraordinarily user-friendly. With just a touch of a button on the remote control, you can arm or disarm the alarm, lock and unlock the doors, optionally open the boot, or even control the power windows. At night, when you disarm with the remote control, the interior lights will turn on and stay on for 30 seconds or until you start the engine.

Most importantly, the Sabre is more than an innovative leading-edge security system, it's also amazingly affordable and reliable. So much so that Clifford Electronics warrants it for a full 5 years.

Standard Features

- ✓ **FACT™ — False Alarm Control and Test**— This patented Clifford innovation *absolutely, positively puts an end to recurring false alarms.* You will know for sure that someone is tampering with your car.
- ✓ **5-Year Warranty**— This is one feature you may never use since Clifford systems are renowned for their reliability. For five years, Clifford will repair or replace the control unit and remote controls free of charge.
- ✓ **A Pair of 2-Button/3-Channel Remote Controls** — With more than *4,300 million digital codes*, this unique Clifford remote control is virtually impervious to the electronic "scanners" used by car thieves. Even with the most sophisticated scanner, it would take more than *19 years* for a thief to decipher the code.
 - *Button I* will arm, disarm, lock and unlock the doors, and, in an emergency, "panic" the Sabre.
 - *Button II* activates options such as a remote boot release, remote window control, a Clifford system on your second car or even remotely start your vehicle's engine and heater.
 - *Buttons I and II* pressed simultaneously will silently arm or disarm the system without the usual siren "chirps."

- ✓ **AntiScan™** — Thieves can defeat car alarms with electronic "scanners" that rapidly transmit one remote control code after another. AntiScan blocks their codes to prevent disarming by anyone but you.
- ✓ **MultiRemote™ Recognition**— Just a few flicks of a switch lets you match to your Sabre up to four Clifford remote controls. Just as easily, the code of a lost or stolen remote control can be deleted.
- ✓ **MultiCar Control**— With the same remote control, you can command a Clifford system on your second vehicle.
- ✓ **AutoTesting™**— Every time you remotely arm Sabre, it instantly and automatically performs comprehensive testing of all triggers and sensors. If a malfunction is found, it will audibly and visually alert you of the problem.
- ✓ **Malfunction AutoBypass™**— In the unlikely event of a trigger or sensor fault, Sabre automatically bypass it and arms all other points to *continue* relentless protection of your vehicle.
- ✓ **TotalRecall™**— Sabre's non-volatile memory automatically stores and permits you to recall the identity of the last trigger or sensor activated while the system was armed. This provides an invaluable informational and diagnostic means.
- ✓ **Triple-Mode "Chirp" Silencing**— Whenever you arm or disarm with the remote control, the siren will audibly "chirp" and the indicator lights will flash to confirm system status. Whenever you wish, you may silence the chirps with any of these three methods:
 - *Long-Term Chirp Silencing*— A few flicks of a switch will silence the chirps until you reactivate them.
 - *One-Cycle Chirp Muting*— When parking in a quiet residential area, a quick flick of the car's ignition switch will mute the chirps for one arm-and-disarm cycle, after which the chirps are automatically restored.
 - *Remote Controlled Chirp Muting*— You can even mute the chirps on the go without any pre-planning! Just a press on both remote control buttons does the trick.
- ✓ **Indicator Light Flasher**— Visually confirms alarm status from a distance.
- ✓ **Smart Courtesy Lighting**— The interior light(s) automatically turn on when you remotely disarm and remain on for 30 seconds or until you start the engine, whichever occurs first.

- ✓ **LED Status Indicator**—Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ✓ **Magnetic Resonance Sensor™**—Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection and wider-perimeter protection than other alarm sensors.
- ✓ **Remote Panic Feature**—For your personal safety, you can remotely activate the siren and flashing parking lights, even from a distance.
- ✓ **Hood/Trunk Trigger Input**—Allows for full perimeter protection of the engine compartment and trunk contents.
- ✓ **Protected Valet Mode**—Permits vehicle servicing and valet parking without relinquishing the remote control.
- ✓ **Lifetime Warranty**—This is one feature you will probably never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford will repair or replace the security components free of charge — unlike other alarm manufacturers that charge “processing fees.”
- ✓ **Made in the USA**—US-designed and manufactured to the most rigorous standards.

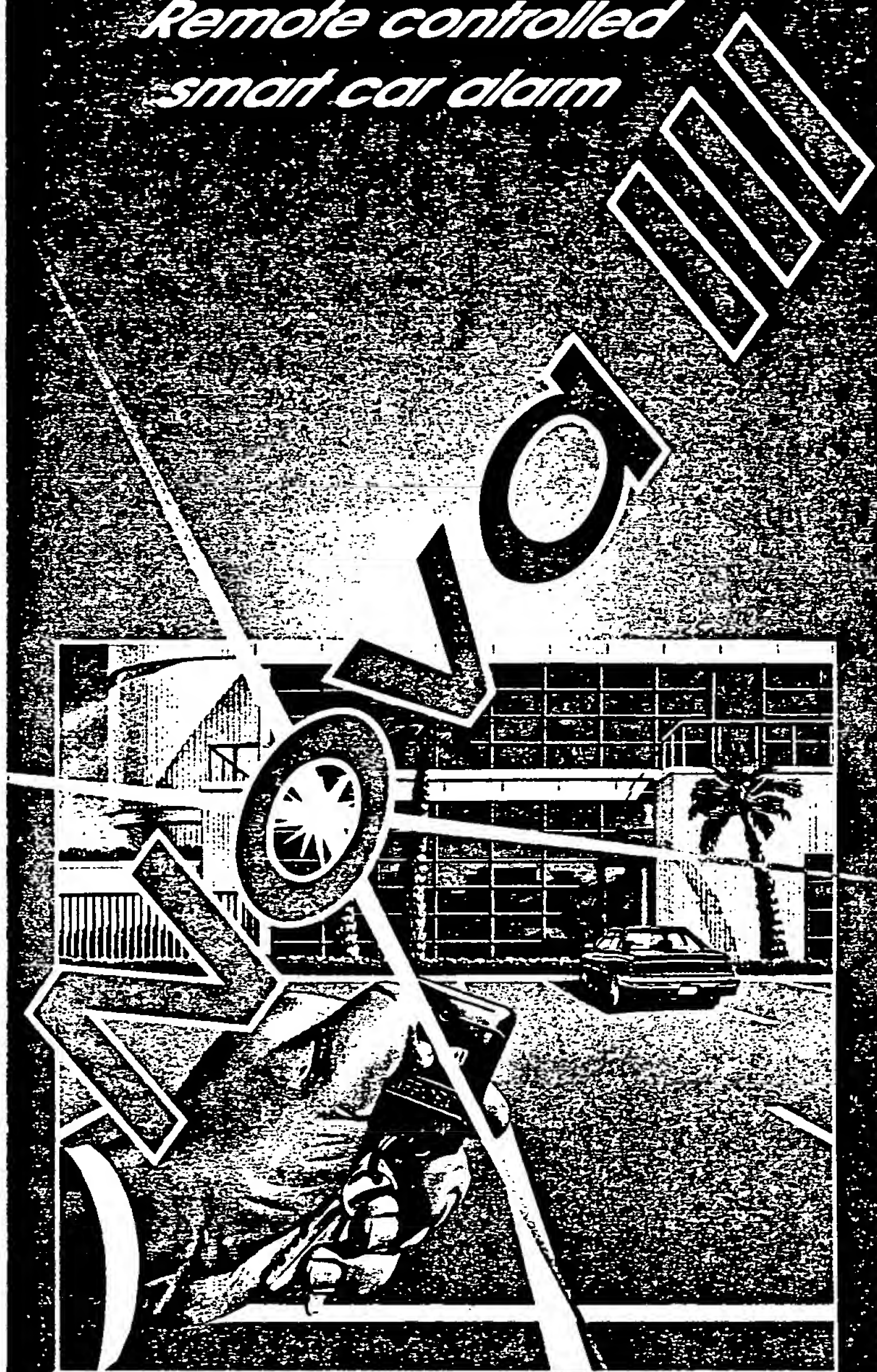
Optional Accessories

- **Additional remote controls** — for other drivers in your family.
- **NightVision™** — an automated headlight and courtesy light module.
- **Garage Door Programmable Receiver™** — control your garage door(s) with your miniature keychain remote control.
- **SmartWindows™ II** — gives you complete remote control of your vehicle's power windows/sunroof.
- **Remote trunk release** — particularly useful when carrying a package.
- **IntelliStart™** — remote engine starter will heat or cool your car interior to the temperature setting of your choice.

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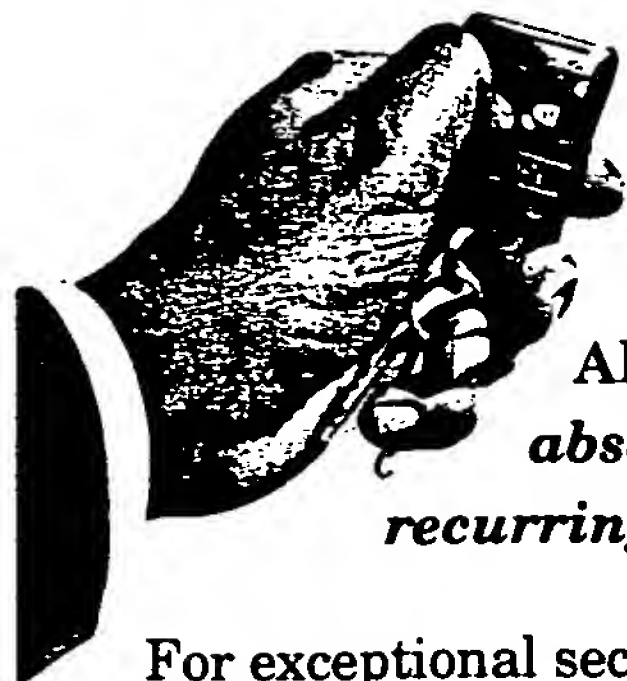
CLIFFORD

*Remote controlled
smart car alarm*



BEYOND EXCELLENCE

Clifford Electronics' Nova III is a world-class vehicle security system that offers an extensive array of user-friendly security and convenience features. A quality auto security system should unerringly detect intrusions, yet be totally impervious to conditions



that commonly cause false alarms. That's why Clifford Electronics developed and patented FACT — False Alarm Control and Test. ***FACT absolutely, positively prevents recurring false alarms.***

For exceptional security, the Nova III's AntiScan electronic countermeasure blocks code-generating scanners used by thieves to disarm conventional car alarms. For exceptional convenience, the Nova III allows you silently arm or disarm it *as you walk toward your car* without the usual siren "chirps." It's perfect when parking late at night so you don't disturb your neighbors. Only Clifford lets you control the chirps with the remote control!

Nova III delivers first-rate automobile security with top-notch lifestyle convenience enhancements. Even a cursory look at Nova III's extensive list of standard features will convince you that the Nova III delivers the best value for your money.

It will also comfort you to know that the Nova III's performance is matched by its reliability. It was designed, developed, manufactured and multi-tested in the USA by Clifford Electronics, the epitome of innovation, reliability and quality in high-technology vehicle security.

Standard Features

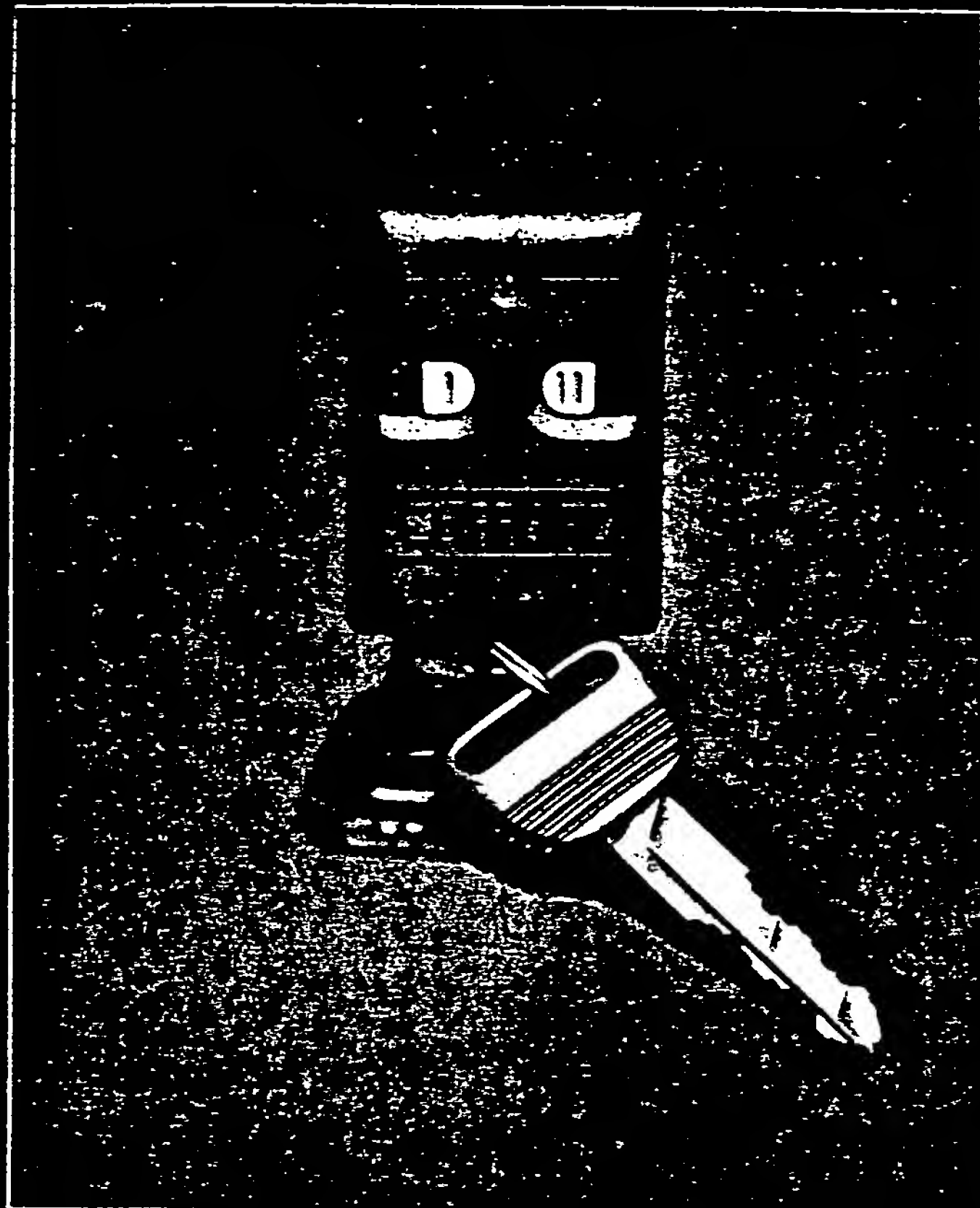
- ☑ **FACT™—False Alarm Control and Test—**
An exclusive and patented Clifford innovation that ***absolutely, positively puts an end to recurring false alarms.*** Here's how it works: If an improperly adjusted sensor causes the alarm to sound, the Nova III microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again you will know for sure that someone is tampering with your vehicle.
- ☑ **Dual-Button/Triple-Channel Remote Control—**
Button I controls the security features: It will arm, disarm, lock and unlock the doors, and, in an emergency, "*panic*" the Nova III from a typical range of 100 feet. Button II can activate convenience options such as remote window and sunroof control, headlight activation, the vehicle's trunk release, your electric garage door or even remotely start your car's engine, heater, defroster or air conditioner. When you press both buttons, Nova III will ***silently*** arm or disarm without the usual siren "*chirps*."
- ☑ **AntiScan™—**Professional thieves defeat run-of-the-mill car alarms with code-generating "*scanners*" that rapidly transmit one remote control code after another. Nova III's AntiScan recognizes scanners and blocks their codes to prevent disarming of your vehicle security system by anyone but *you*.
- ☑ **Two-Car Control—**You can command two vehicles equipped with Clifford systems with the same remote control.
- ☑ **MultiRemote™ Recognition—**For other drivers, a few flicks of a switch lets you match to your Nova III up to four Clifford remote controls regardless of type, code or number of channels. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **Triple-Mode "Chirp" Muting—**Whenever you arm or disarm with the remote control, the siren will audibly "*chirp*" and the parking lights will flash to confirm system status. With Nova III, you have three choices:

- ☑ **Long-Term Chirp Silencing**—A few flicks of a switch is all it takes to silence the chirps until you decide to reactivate them.
- ☑ **One-Cycle Chirp Muting**—When parking in a quiet residential area, a quick flick of the car's ignition switch will mute the chirps for one arm-and-disarm cycle, after which the chirps are automatically restored.
- ☑ **Remote Controlled Chirp Muting**—You can even mute the chirps on the go from outside the car without any pre-planning! Just a press on *both* buttons of the remote control does the trick.
- ☑ **SmartDoors™**—Provides all these features:
 - ☑ **Remote Door Lock/Unlock Outputs**—*No more fumbling with keys in the dark or bad weather!* One press of a button on the remote control simultaneously arms the system *and* locks all doors. Another press disarms and unlocks. (Some vehicles require an optional adaptor.)
 - ☑ **AutoLock™**—For your security and safety, Nova III automatically locks all the vehicle doors when you begin to drive.
 - ☑ **AutoUnLock™**—Conversely, when you turn off the ignition, the doors automatically unlock. (If you prefer, you can turn off AutoLock and AutoUnLock with a few flicks of a switch).
 - ☑ **Remote Keyless Entry in Valet Mode**—The remote control may be used to lock/unlock the car doors and activate any remote accessory even while the system is in valet mode.
- ☑ **Built-In Parking Light Flasher**—Provides visual confirmation of arming, disarming, prior intrusion attempt, AutoTesting and alarm conditions.
- ☑ **Smart AutoTesting™**—Every time you remotely arm your Nova III, it instantly and automatically performs comprehensive testing of all triggers and sensors. If a malfunction is found, the system will audibly and visually alert you of the problem and *specifically* identify the malfunction, virtually eliminating costly trouble-shooting time.
- ☑ **Malfunction AutoBypass™**—In the unlikely event of a trigger/sensor malfunction, Nova III will automatically bypass it and arm all other points to continue relentless protection of your vehicle.

- ☑ **Tampering Warning**—You can set the system to issue a rapid five-chirp warning whenever Nova III detects any tampering to the exterior of your vehicle. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, Nova III will sound a continuous 125dB siren blast.
- ☑ **Smart Prior Intrusion Attempt Alert**—When you remotely disarm, Nova III audibly and visually alerts you—from a distance—if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.
- ☑ **TotalRecall™**—Nova III's non-volatile memory automatically stores and permits you to recall the identity of the last trigger or sensor activated while the system was armed. This provides an invaluable informational and diagnostic means.
- ☑ **Enhanced AutoArming™**—Nova III will arm itself automatically (*"passively"*) if you forget. This may qualify you for an insurance discount that may pay for the cost of the system (ask your insurance company for details).
- ☑ **AutoArming Enable/Disable**—If you wish, you may, at will, deactivate or reactivate AutoArming with a few flicks of a switch.
- ☑ **Visual Acknowledgement**—AutoArming is confirmed with two flashes of the parking lights.
- ☑ **AutoArm & Lock**—You may set your Nova III to automatically lock the car doors every time the system AutoArms.
- ☑ **FailSafe Starter Interrupt**—Prevents an intruder from starting the engine, but allows you to start it even in the event of a full system failure (other alarms may leave you stranded).
- ☑ **High-Output Siren**—*Loud* 125dB siren scream. If a door is left open in the wake of an intrusion, Nova III limits alarm sounding to 3 cycles of the siren duration, ensuring against excessive battery drain or towing of your vehicle due to noise pollution. It then re-arms all other points to provide the utmost possible protection.
- ☑ **User-Selectable Siren Duration**—You may set the siren wail for either 30 or 60 seconds.

Ace™

Advanced Vehicle Security/Convenience System



With Clifford's renowned
FACT

False Alarm Control and Test

**The absolute cure
for the
common false alarm**

The Clifford Ace™ does more than ace out car thieves and vandals since it is much more than a car alarm. The Ace is packed with ingenious features that other manufacturers don't even have yet on their wish lists, let alone in their alarms. Despite its many sophisticated attributes, the Ace is wonderfully user-friendly. Controlling any aspect of this advanced mobile electronics system is as easy as pressing a button on its digitally encoded miniature keychain remote control.

One of the many unique aspects of this world-class system is the exclusive and patented **FACT (False Alarm Control and Test)** feature that **absolutely, positively prevents recurring false alarms.** Other advanced convenience features include SmartDoors,™ which automatically locks all the vehicle doors every time you start the engine and unlocks them when you turn the ignition key off. Say goodbye to fumbling with keys in the dark or bad weather. Just a press on the miniature keychain remote control button will simultaneously disarm the alarm and unlock the car doors automatically from as far as 100 feet away. Conversely, another press will arm the alarm and lock all doors.



For your safety at night, when you disarm the alarm with the remote control, the Ace's Smart Courtesy Lighting™ automatically turns on the interior courtesy light and keeps it on for 30 seconds or until you insert your key in the ignition and start the engine.

For other drivers of the vehicle, you can add up to seven remote controls with a few flicks of a switch and a press of a button. Just as easily, you can delete the code of a lost or stolen remote control (other alarms have to be removed from the car and sent back to the factory for recoding, leaving the vehicle vulnerable for days or weeks at a time). The Ace's AntiScan™ feature protects your vehicle against professional thieves who use digital code scanners to defeat run-of-the-mill car alarms. Button II of the remote control can be used to command your choice of the automobile's electric windows and sunroof, an electronic trunk release or even your electric garage door! See the Optional Accessories listing for details on these fabulous optional features.

The Ace employs an array of isolated trigger inputs to protect your automobile's doors, hood, trunk and even

Standard Features

☑ **FACT™—False Alarm Control and Test**—An exclusive and patented Clifford innovation that *absolutely, positively puts an end to recurring false alarms*. Here's how it works: If an improperly adjusted sensor causes the alarm to sound, the Ace microprocessor automatically will check for another activated trigger before sounding the siren a second time. Should the alarm sound again *you will know for sure* that someone is tampering with your vehicle.

☑ **Dual-Button/Dual-Channel Remote Control**

—For security and convenience,



button I will arm, disarm and, in an emergency, "panic" the Ace from a typical range of 100 feet. Button II, optionally, can activate SmartWindows, the vehicle's electric trunk release or your electric garage door (see Optional Accessories).

☑ **Programmable Remote Control**—For other drivers of the vehicle, this remarkable feature lets you instantaneously match to your Ace, with a few flicks of a switch and a press of a button, additional Clifford remote controls regardless of their specific codes! Just as easily, the code of a lost or stolen remote control can be deleted. The Ace can respond to as many as eight differently coded remote controls.

☑ **Advanced CMOS Microcomputer**—Very large scale integration (VLSI) microprocessor commands and monitors all system functions at the rate of more than 100,000 instructions per second, yet draws less power than your vehicle's clock.

☑ **AntiScan™**—An electronic countermeasure that makes certain your system code is unbreachable. Thieves can disarm run-of-the-mill car alarms with an electronic "scanner" that rapidly transmits one remote control code after another. Your Ace's microprocessor will block out any codes generated by the illicit scanner.

☑ **Smart Features™**

☑ **Remote Door Locking/Unlocking**—No more fumbling with keys in the dark or bad weather! One press on button I of the remote control arms the system *and* locks all the car doors, another press disarms *and* unlocks.

☑ **AutoLock™**—For the safety of you and your passengers, when you turn your ignition key to the "ON" position, the Ace automatically locks all the vehicle doors.

☑ **AutoUnlock™**—Automatically unlocks the doors for you and your passengers when you turn off the ignition. (You may disable or re-enable, at will, the AutoLock and AutoUnlock features with just a few flicks of a switch.)

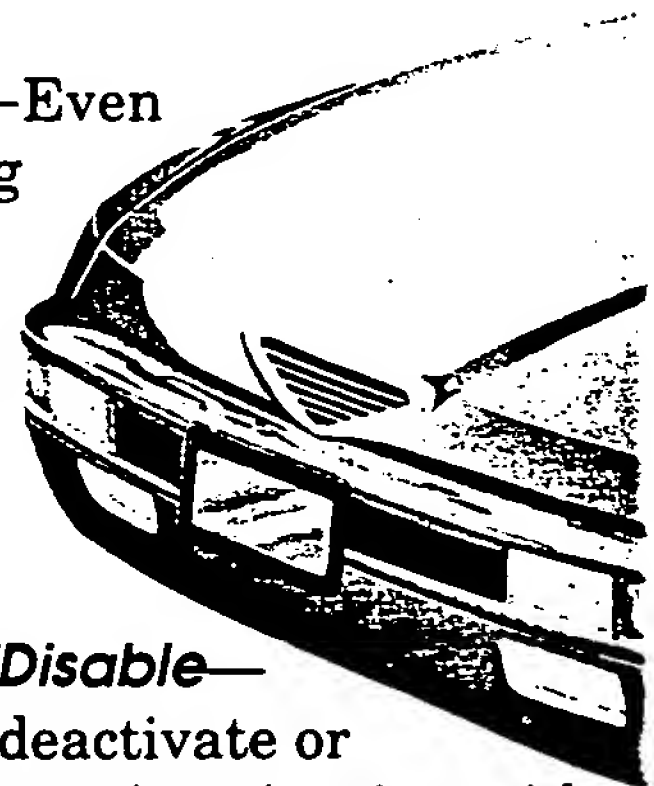
☑ **Smart AutoArming™**—The Ace will arm itself automatically ("passively") if you forget to arm it with the remote control. This qualifies you for an insurance discount that may pay for the system (consult your insurance agent). Only Clifford's exclusive patent-pending Smart AutoArming offers you all these additional features:

☑ **Programmable Entry Delay**—Whenever you use the remote control to arm the system, the alarm will sound as soon as any car door is opened. However, if you ever temporarily lose the use of your remote control, just let the system AutoArm itself. An entry delay will allow you to enter and start the vehicle. If you wish, you can change the entry delay from its preset 15 seconds to any desired duration between 1 and 59 seconds.

☑ **Immediate Triggers**—Even in the AutoArming ("passive") mode, the instant an intrusion is detected, the entry delay will be immediately canceled and the alarm will sound.

☑ **AutoArming Enable/Disable**—

If you wish, you may deactivate or reactivate, at will, Smart AutoArming with just a few flicks of a switch.

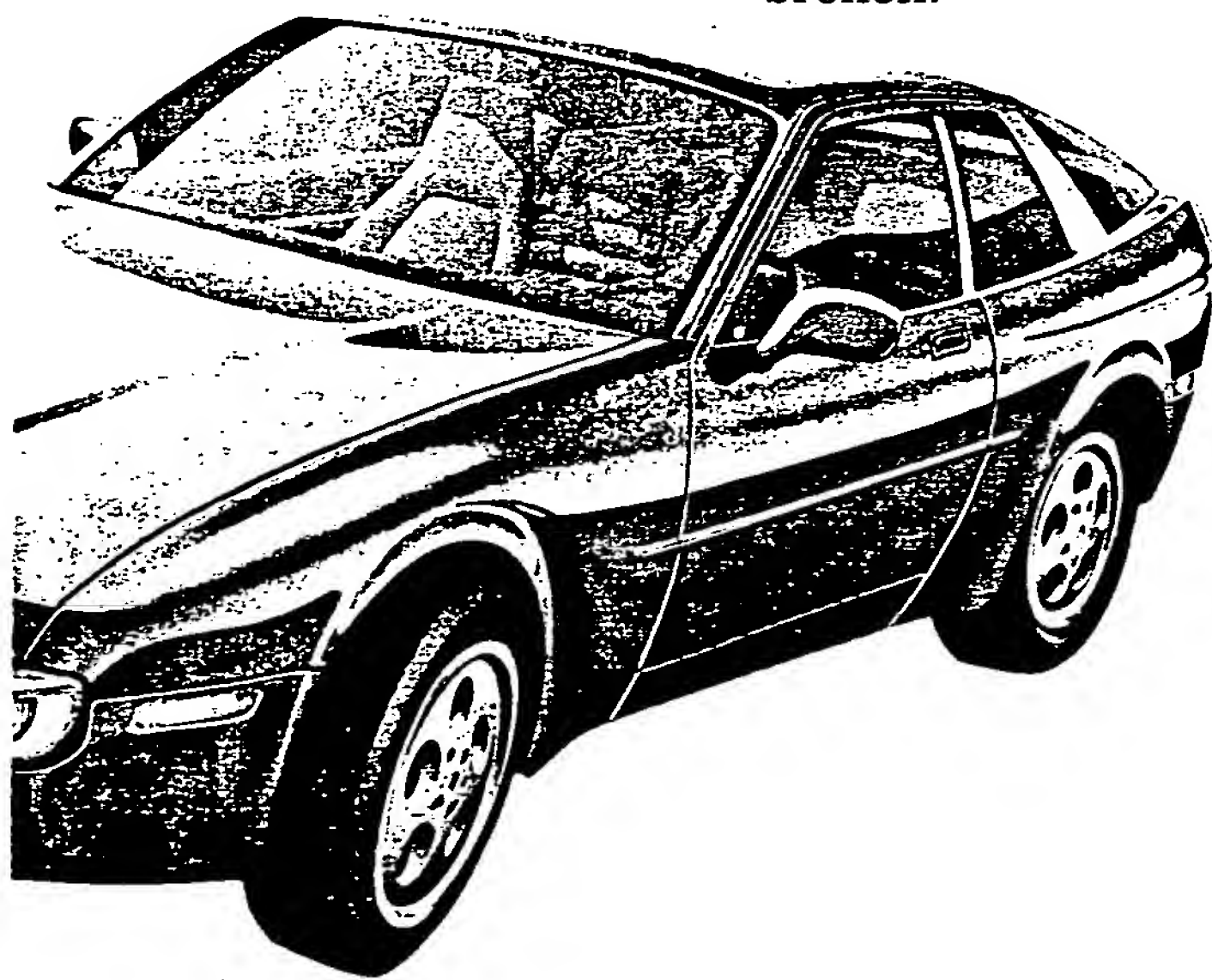


☑ **Smart Courtesy Lighting**—For your safety and convenience, the vehicle's interior courtesy light will turn on when you disarm the system with the remote control. It will remain on until you enter the vehicle and turn the ignition key to the "ON" position, or for 30 seconds, whichever occurs first. If an intrusion is attempted, the Ace, in addition to sounding the siren, will repeatedly flash the interior light for as long as the siren sounds, drawing even more attention to the vehicle.

☑ **AutoDiagnostics™**—Every time you arm the system with the remote control, the Ace instantly performs a comprehensive test of all system triggers and sensors. If a defect is found, the system audibly alerts you of the problem *and* identifies whether the malfunction is a trigger or sensor, thereby cutting down on costly trouble-shooting time.

☑ **Defect AutoBypass™**—In the unlikely event of a trigger or sensor malfunction, the Ace will automatically bypass the defect and arm all other points to continue relentless protection of your vehicle.

☑ **IntelliSensor™**—World's most advanced, fully automatic window tampering sensor eliminates false alarms; detects and verifies intrusion attempts *before* the glass can be broken.



☑ **Magnetic Resonance Sensor™**—Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection.

☑ **Prior Intrusion Attempt Alert**—When you disarm the system with the remote control, it will audibly alert you—from a distance—if an intrusion attempt was foiled while you were away.

☑ **High-Output Siren**—Loud 120dB+ siren scream.

☑ **LED Status Indicator**—Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.

☑ **Starter Disable**—Prevents an intruder from starting the engine.

☑ **Hood and Trunk Trigger Inputs**—Allow for full protection of engine compartment and trunk contents.

☑ **Accessory Trigger Input**—Permits protection of important accessories such as fog lights, hood ornament, exposed spare tire or will provide an additional level of protection to the vehicle's stereo.

☑ **SmartPowerUp™**—Sounds siren if power is removed and then restored in an attempt to steal the vehicle, but permits *authorized* power reconnection.

☑ **Remote Panic Feature**—Lets you remotely activate the siren from inside or outside the vehicle if you or your car are threatened.

☑ **Valet Mode**—Permits vehicle servicing and valet parking without relinquishing the remote control.

☑ **5-Year Limited Warranty**—Clifford systems are renowned for their reliability, so this is one feature you'll probably never use. If the need ever does arise, it should comfort you to know that, unlike other car alarm manufacturers, Clifford *never* charges "processing fees" or "handling charges" to provide warranty testing, parts or service.

the fog lights, hood ornament or exposed spare tire. It also utilizes two distinct types of high-technology sensors.

The Ace's self-calibrating IntelliSensor™ gives unmatched window tampering protection. All other manufacturers' "glass breakage sensors" can't differentiate between your car window being broken and a jet taking off or landing, or the siren of a passing emergency vehicle. Consequently, other manufacturers' alarms are prone to recurring false alarms, particularly at airport parking lots (where your car is most vulnerable) or



when parked on the street. In sharp contrast, the IntelliSensor's artificial intelligence algorithm can easily detect the difference. Its micro-

processor can't be fooled by any other sound. The IntelliSensor is so finely tuned to glass-breakage attempts that it will activate the Ace's 120dB+ siren even *before* the glass breaks.

The Ace's second sensor, a Magnetic Resonance Sensor,™ provides a second protective parameter to your vehicle. It detects intrusion-related impacts while ignoring common street vibrations. Other than the optional OmniSensor,™ nothing provides a higher level of reliable detection than the combined performance of these two sensors.

Best of all, the Ace is priced far less than the cost of replacing a broken window and torn-out stereo...a lot less. In fact, the Ace's Smart ("passive") AutoArming may entitle you to a substantial discount on your insurance premiums. The cumulative insurance discount alone may save you substantially more than the price you'll pay for the system (check with your insurance agent). When you consider that the Ace offers one of the highest levels of protection for your entire vehicle and its contents, there's no reason to leave this substantial investment parked out on the street where it is easy prey to thieves and vandals. Protect your investment with the exceptional Ace system, while you also gain peace of mind and convenience features that will enhance your lifestyle.

Just take a look at the Ace's impressive list of standard security and convenience features and you'll be convinced of the outstanding value of this world-class automotive electronics system.

Optional Accessories

- ☐ **Additional Remote Controls**—For other drivers of the vehicle, you can easily and instantly program one or more additional remote controls with just a flick of a switch and a press of a button!
- ☐ **Garage Door Programmable Receiver (#60-215NX)**—Command your electric garage door with the Ace remote control. Your garage door remote will be on your keychain and with you at all times, not left behind on your car's sun visor as a bonus to any thief. Install the Programmable Receiver yourself in minutes with just a screwdriver—no special skill or technical knowledge needed.
- ☐ **SmartWindows™**—For maximum convenience and security, the unique SmartWindows gives you total command of the vehicle's power windows and sun-roof via the remote control—open or close them—fully or just a crack—from up to 100 feet away.
- ☐ **OmniSensor™**—World's only all-electronic, microprocessor-controlled, *user-programmable vibration/impact sensor. Only the OmniSensor allows you to adjust its sensitivity with a few flicks of a switch any time, any place, without any tools and without even knowing where the sensor is mounted!* For unprecedented accuracy, the OmniSensor digitally analyzes all registered signals. It will unerringly detect all genuine threats and unfailingly ignore the non-threatening conditions that cause other sensors to false alarm.
- ☐ **Remote Trunk Release**—Open the trunk from as far as 100 feet away. It's the perfect convenience when carrying an armload of packages or groceries.
- ☐ **Parking Light Flasher**—
 - ☒ **Arm/Disarm Confirmation**—Your vehicle's parking lights will flash once when you disarm the system with the remote control, twice when you arm it, and three times if an intrusion attempt occurred while you were away.
 - ☒ **Visual Alert**—If an intrusion is attempted, the Ace, in addition to sounding the siren and flashing the interior light, will repeatedly flash the parking lights for as long as the siren sounds.
- ☐ **Electronic HoodLock™**—Permits hood opening *only* at your command.
- ☐ **125dB Dual Air Horns**—The loudest, most distinctive sound available.
- ☐ **Audible Status Indicator**—Emits subtle but distinct beeping tones when the system is armed to provide an extra level of deterrence to thieves and vandals.

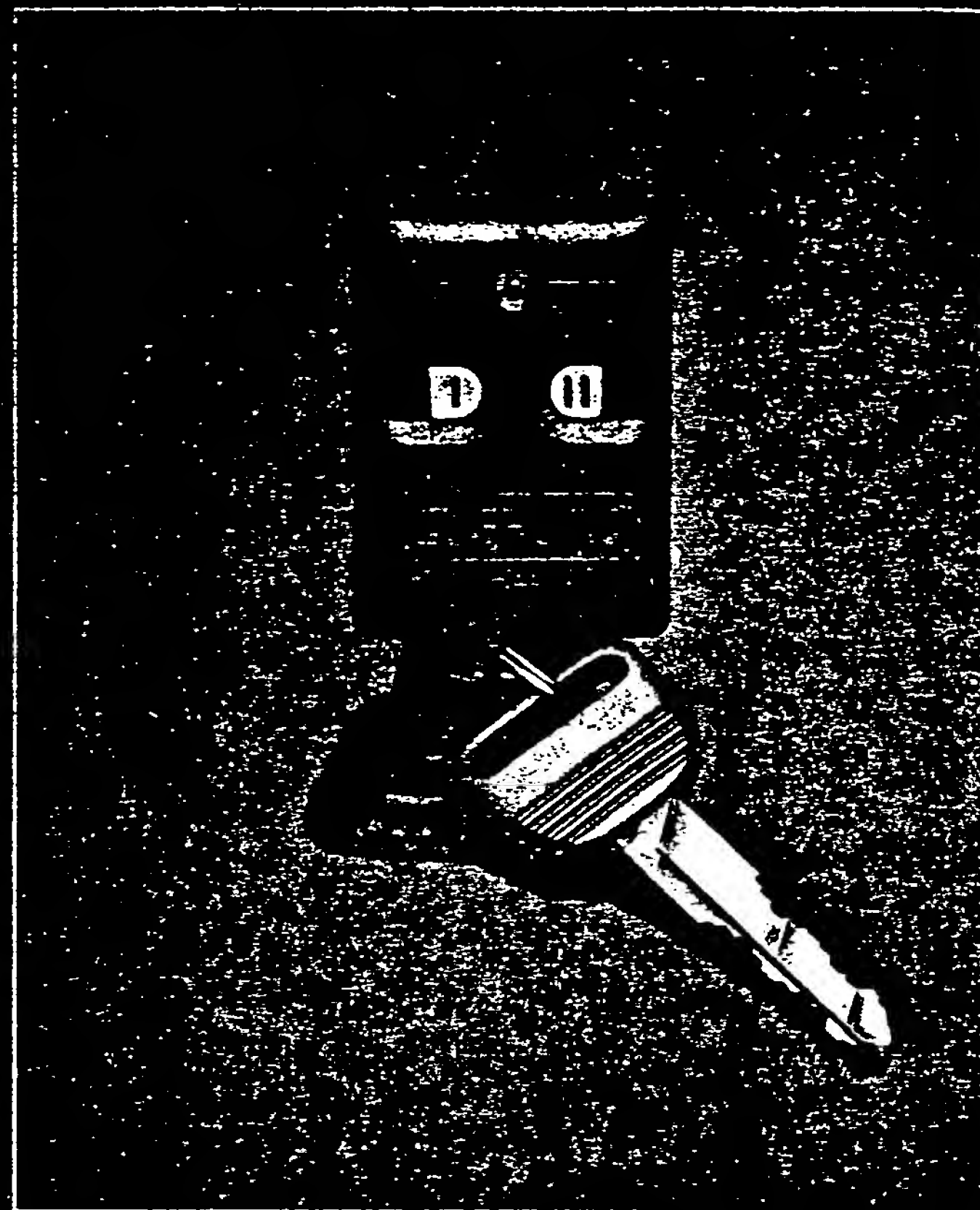
Optional Accessories

- ☐ **Additional Remote Controls**—For other drivers of the vehicle, you can easily add 2, 4 and 8 channel remote controls with a flick of a switch. What's more, for increased security, you may choose to add optional MegaCode™ remote controls with one-million digital codes or UltraCode™/Premier™ remote controls with more than **four-billion digital codes**.
- ☐ **Garage Door Programmable Receiver**—Lets you to command your electric garage door with remote control button II. The garage door remote control will be on your keychain and with you at all times, not left behind on the car's sun visor as a bonus to any thief. You can install the Programmable Receiver yourself in minutes with just a screwdriver—no special skill or technical knowledge needed.
- ☐ **SmartWindows™ II**—For maximum convenience and security, SmartWindows II automatically closes the windows/sunroof when you arm your Nova with the remote control and gives you total command of the windows/sunroof via the remote control—open or close them, fully or just a crack— from up to 100 feet away.
- ☐ **OmniSensor™**—World's only all-electronic, **microprocessor-controlled, user-programmable vibration/impact sensor**. Only the OmniSensor allows you to adjust its sensitivity with a press of a button any time, any place, without tools and without even knowing where the sensor is mounted! For unprecedented accuracy, the OmniSensor will unerringly detect all genuine threats and unfailingly ignore the non-threatening conditions that cause other sensors to false alarm.
- ☐ **IntelliSensor™**—World's most advanced, fully automatic window tampering sensor. Detects and verifies intrusion attempts *before* the glass can be broken.
- ☐ **Remote Trunk Release**—Allows you to open the trunk from as far as 100 feet away. It's the perfect convenience when carrying an armload of packages or groceries.
- ☐ **120dB Self-Powered Siren**—Keeps on wailing even if a thief cuts all the wires.

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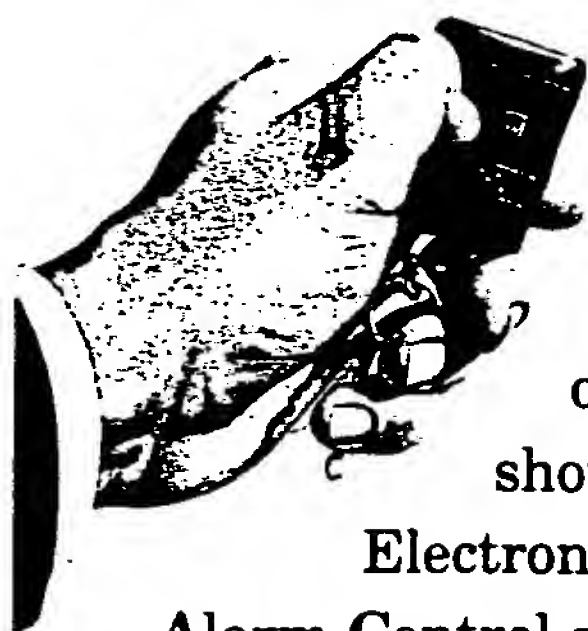
Nova™

Advanced Technology Vehicle Security System



With Clifford's renowned
FACT
False Alarm Control and Test
The absolute cure
for the
common false alarm

Clifford Electronics' Nova™ is a world-class advanced technology vehicle security system especially engineered for today's modern cars.



You need a vehicle security system you can rely on. One that will alert you when it should, and one that won't go off time after time when it shouldn't. That's why Clifford Electronics developed **FACT—False Alarm Control and Test**. **FACT absolutely, positively prevents recurring false alarms.**

In addition to its high level of theft prevention, Nova actually enhances your lifestyle with its remarkable convenience features.

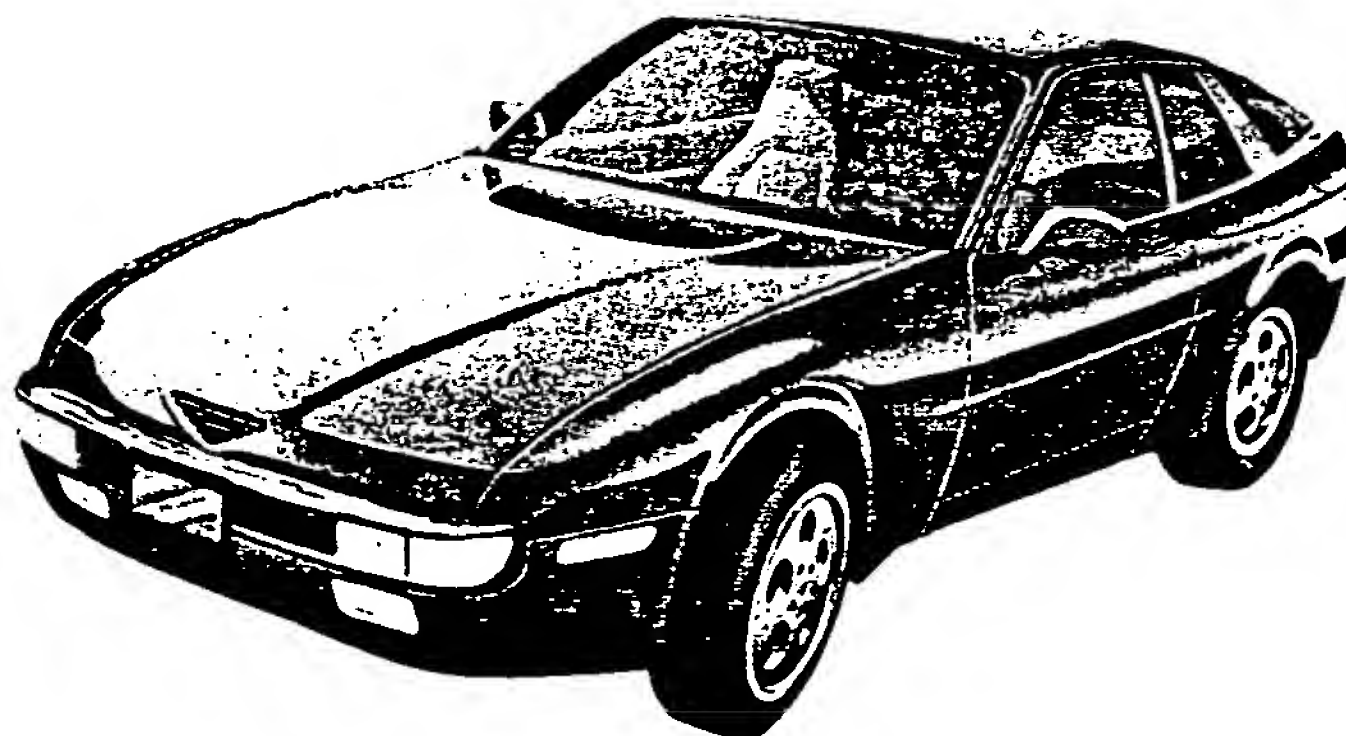
Nova delivers standard features that other manufacturers' alarms don't even offer as options. For instance, Nova allows you to mute those unmistakable arm and disarm siren "chirps" if and whenever you wish. So when you return home late at night and don't want to disturb your neighbors, you can mute the chirps with a mere flick of your car key. Only the car's parking lights will flash to *silently* confirm remote controlled arming and disarming. Just as easily, you may re-enable the chirp signals any time you wish.

Most of all, you can rely on Nova because it's designed, developed, manufactured and multi-tested in the USA by Clifford Electronics, the epitome of innovation and quality in high-technology vehicle security.

Standard Features

- ☑ **FACT™—False Alarm Control and Test—**
An exclusive and patented Clifford innovation that ***absolutely, positively puts an end to recurring false alarms.*** Here's how it works: If an improperly adjusted sensor causes the alarm to sound, the Nova microprocessor will automatically check for another activated trigger before sounding the siren a second time. Should the alarm sound again ***you will know for sure*** that someone is tampering with your vehicle.
- ☑ **Dual-Button/Dual-Channel Remote Control—**
For security and convenience, button I will arm, disarm and, in an emergency, "panic" the Nova from a typical range of 100 feet. Button II can activate options such as SmartWindows II, the vehicle's trunk release or your electric garage door.
- ☑ **MultiRemote™ Recognition—**
For other drivers of the vehicle, this remarkable feature lets you match to your Nova, with a few flicks of a switch, up to four Clifford remote controls regardless of type, code or number of channels. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **Remote Door Lock/Unlock Outputs—**
One press on the button of the remote control simultaneously arms the system and locks all doors. Another press disarms and unlocks. No more fumbling with keys in the dark or bad weather! (Some vehicles require an optional adaptor.)
- ☑ **AutoReLock™—**If you disarm with the remote control but do *not* open any door, the Nova will automatically relock the doors when it AutoArms.
- ☑ **Keyless Entry in Valet Mode—**
The remote control may be used to lock and unlock the car doors even when the system is in valet mode.

- ☑ **Built-In Parking Light Flasher**—If an intrusion is attempted, Nova will repeatedly flash the parking lights in addition to sounding the siren. What's more, to confirm alarm status, the parking lights will flash once when you disarm with the remote control, twice when you remotely arm it, three times if an intrusion attempt was foiled while you were away and four times if there is a trigger/sensor defect.
- ☑ **Owner-Activated "Chirp" Muting**—Whenever you use the remote control, the siren will "chirp" and the parking lights will flash to confirm system status. When parking late at night in a quiet residential area, you may silence the chirps with just a flick of your car key. Of course the flashing parking lights will provide silent acknowledgements.
- ☑ **AutoArming™**—The Nova will arm itself automatically ("passively") if you forget to arm it with the remote. This may qualify you for an insurance discount that may pay for the system (consult your insurance agent).
- ☑ **AutoArming Enable/Disable**—If you wish, you may deactivate or reactivate, at will, the Auto-Arming feature with a few flicks of a switch.
- ☑ **Door Control**—Nova does *not* lock the doors when the system AutoArms to prevent you from accidentally locking your keys inside.
- ☑ **Prior Intrusion Attempt Alert**—When you disarm the system with the remote control, Nova audibly and visually alerts you—from a distance—if an intrusion attempt was foiled while you were away.



- ☑ **AutoDiagnostics™**—Every time you arm the system with the remote control, Nova instantly performs a comprehensive test of all system triggers and sensors. If a defect is found, the system will audibly and visually alert you of the problem and identify whether the malfunction is a trigger or a sensor, thereby cutting down on costly trouble-shooting time.
- ☑ **Defect AutoBypass™**—In the unlikely event of a trigger or sensor malfunction, Nova will automatically bypass the defect and arm all other points to *continue* relentless protection of the vehicle.
- ☑ **Advanced CMOS Microcomputer—**
Very large scale integration (VLSI) microprocessor commands and monitors all system functions more than 100,000 times per second, yet draws less power than your vehicle's clock.
- ☑ **Starter Disable**—Prevents an intruder from starting the engine.
- ☑ **Magnetic Resonance Sensor™**—
Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ **High-Output Siren**—*Loud* 120dB+ siren scream. Nova's electronics limit alarm sounding to no more than 3 minutes, thus ensuring against excessive battery drain or towing of your vehicle due to noise pollution.
- ☑ **LED Status Indicator**—Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☑ **Remote Panic Feature**—Lets you remotely activate the siren from inside or outside the vehicle if you or your car are threatened.
- ☑ **Hood/Trunk Trigger Input**—
Allows for full protection of the engine compartment and trunk contents.
- ☑ **Protected Valet Mode**—
Permits vehicle servicing and valet parking without relinquishing the remote control.

- ☑ **Fault-Proof Starter Interrupt™**—Prevents an intruder from starting the engine, but allows you to start it even in the event of a full system failure (other alarms may leave you stranded).
- ☑ **LED Status Indicator**—Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☑ **Full-Time Remote Panic™**—For your personal safety, you can remotely activate the siren and flashing parking and interior lights from a distance, or even while driving.
- ☑ **Bonnet/Boot Trigger Input**—For full perimeter protection of the engine compartment and boot contents.
- ☑ **Secured Valet Mode**—Permits vehicle servicing and valet parking without relinquishing the remote control.

Clifford Electronics is continually improving its products. As such, some features noted may be changed or enhanced.

Optional Accessories

- **Sense & Tell™** — voice synthesis accessory that verbally wards off thieves before they even touch your vehicle and sounds the alarm if the warnings are not heeded.
- **NightVision™** — automated headlights and courtesy lights plus remote controlled headlight activation.
- **SmartWindows™ II** — gives you complete remote control of your vehicle's power windows/sunroof.
- **IntelliStart™** — remotely start your vehicle's engine and heater, defroster or air conditioner with a mere press of a button on your Super Nova remote control.
- **Proximity Sensor™**—high-technology passenger compartment radar sensor unerringly detects an intruder inside your vehicle; unlike ultrasonic sensors, the Proximity Sensor is completely impervious to wind, noise and temperature variations.
- **Magnetic Resonance Sensor™**—reliably detects vibrations caused by forced entry or attempts to tow the vehicle.
- **Remote Boot/Bonnet Release**— open your vehicle's bonnet or boot with just a press of your remote control's button.
- **Remote Tamper-Proof Bonnet Lock**— independently locks the bonnet so no thief can open it.

CLIFFORD

*Remote controlled
smart car alarm*



BEYOND EXCELLENCE

YOU HAVE INVESTED A SUBSTANTIAL AMOUNT OF MONEY IN YOUR AUTOMOBILE, yet you must park it on the street where it is easy prey to thieves and vandals. Protect your investment with the incredible security of Clifford's Super Nova. Unlike other systems that repeatedly sound false alarms (since they cannot distinguish between an attempted intrusion and an improperly adjusted sensor) the Super Nova's patented **FACT™** (False Alarm Control and Test) feature absolutely, positively eliminates recurring false alarms.

To detect intrusion attempts before damage is done to your vehicle, a special glass tampering sensor will sound the alarm if anyone tries to break a window in your car.

For your safety and security, the Super Nova automatically locks the vehicle's doors when you start the engine and unlocks them when you switch the ignition off. In fact, the Super Nova is so brilliant that its microprocessor automatically diagnoses the system and searches for malfunctions. Not to be outdone, the system's non-volatile memory will store, for as long as you wish, the identity of any trigger or sensor that was last activated while you were away.

Yet, in spite of being feature-laden, the Super Nova is extraordinarily user-friendly. With just a fingertip



touch on the remote control button, you can, from a distance, arm or disarm the alarm, lock and unlock the vehicle's doors or optionally open the boot, bonnet or even control the power windows. At night, when you disarm the alarm with the remote control, the interior lights will turn on and will remain on for 30 seconds or until you start the engine.

Most importantly, the Super Nova is more than an innovative leading-edge security system, it's also affordable and reliable. So much so that Clifford Electronics warrants it for as long as you own your automobile.

The Super Nova is truly a system of the '90s. With its unbreachable security, lifestyle convenience features and affordable price, even a glance at the Super Nova features will convince you that it is a super value.

Standard Features

- ☑ **FACT™ — False Alarm Control and Test**—One of many patented Clifford innovations, FACT **absolutely, positively puts an end to recurring false alarms**. If an improperly adjusted sensor causes the alarm to sound, the system will check for another activated trigger before sounding the siren a second time. You **will know for sure** if someone is tampering with your car.
- ☑ **Lifetime Warranty**—This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford will repair or replace the control unit and remote controls free of charge.
- ☑ **A Pair of 2-Button/3-Channel Remote Controls** — With more than **512 million digital codes**, this unique Clifford remote control is virtually impervious to the electronic "scanners" used by car thieves. Even with the most sophisticated scanner, it would take more than **two years** for a thief to decipher the code.
 - **Button I** will arm, disarm, lock and unlock the doors, illuminate the interior courtesy lights, flash the parking lights, and, in an emergency, "panic" your Super Nova.
 - **Button II** can control an optional accessory such as power windows.
 - **Buttons I and II** pressed simultaneously will silently arm or disarm the system without the usual siren "chirps."
- ☑ **MultiRemote™ Recognition**—Just a few flicks of a switch lets you match your Super Nova up to four Clifford remote controls regardless of types. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **MultiCar Control**—With the same remote control, you can command a Clifford system on your other car.
- ☑ **AntiScan™**—Thieves defeat car alarms with code-generating "scanners" that rapidly transmit one remote control code after another. AntiScan recognizes scanners and blocks their codes to prevent disarming of your Super Nova by anyone but you.

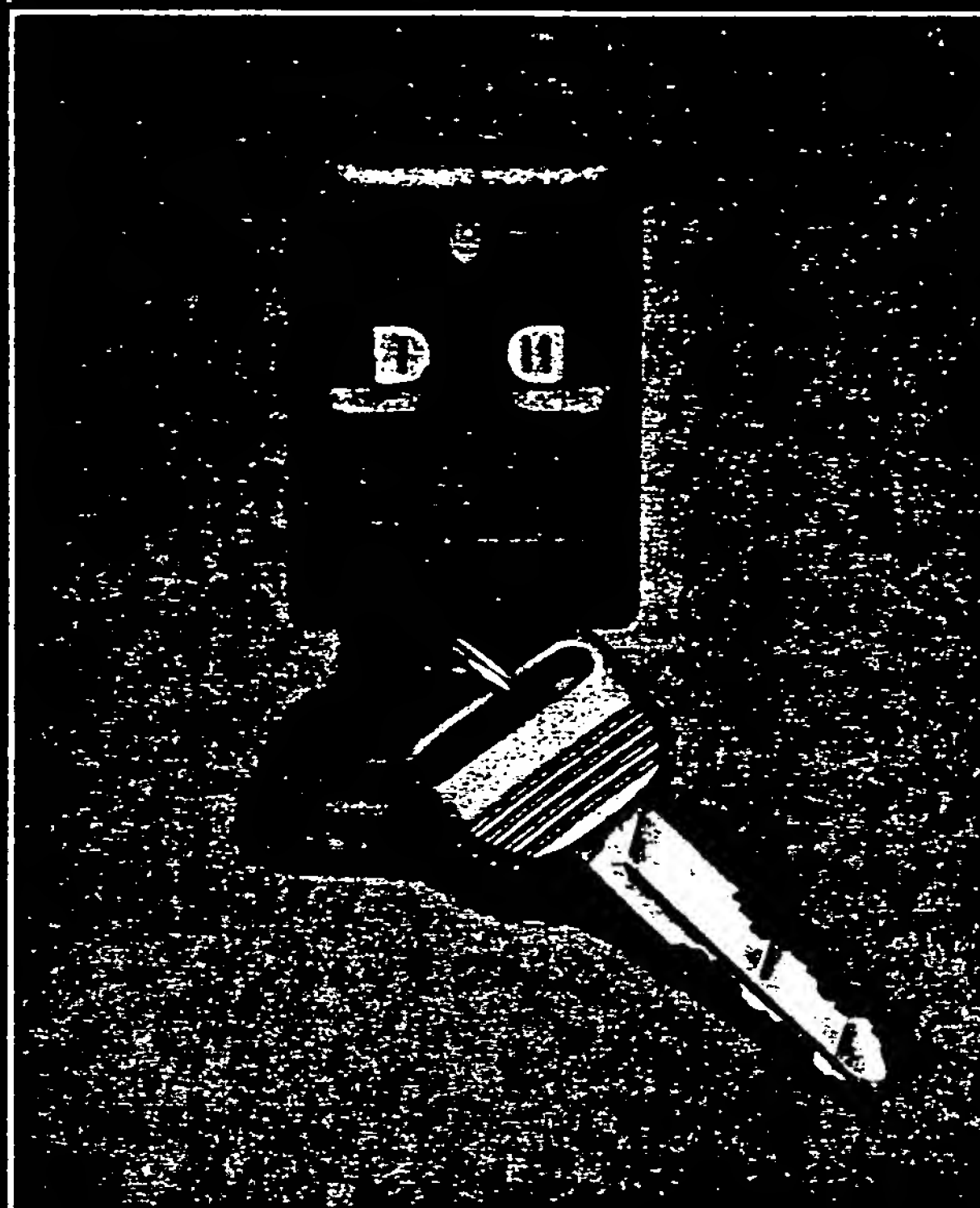
- ☑ **Smart Prior Intrusion Attempt Alert**—When you remotely disarm, Super Nova audibly and visually alerts you — from a distance — if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.
- ☑ **Triple-Mode "Chirp" Silencing**—Whenever you arm or disarm with the remote control, the siren will audibly "*chirp*" and the parking lights will flash to confirm system status. Whenever you wish, you may silence the chirps with any of these three methods:
 - **Long-Term Chirp Silencing**—A few flicks of a switch will silence the chirps until you reactivate them.
 - **One-Cycle Chirp Muting**—When parking in a quiet residential area, a quick flick of the car's ignition switch will mute the chirps for one arm-and-disarm cycle, after which the chirps are automatically restored.
 - **Remote Controlled Chirp Muting**—You can even mute the chirps on the go from outside the car without any pre-planning! Just a press on both buttons of the remote control does the trick.
- ☑ **SmartDoors™**—Provides you with all these outstanding features and benefits:
 - **Remote Door Lock/Unlock Outputs**—*No more fumbling with keys in the dark or bad weather!* One press of a button on the remote control simultaneously arms the system *and* locks all doors. Another press disarms and unlocks. (Some vehicles require an optional adaptor.)
 - **AutoLock™**—For the security of you and your passengers, Super Nova automatically locks all the vehicle doors when you start the engine.
 - **AutoUnLock™**—Conversely, when you turn off the ignition, the doors automatically unlock. (If you prefer, you can turn off AutoLock and AutoUnLock with a few flicks of a switch).
 - **Remote Keyless Entry in Valet Mode**—The remote control may be used to lock/unlock the car doors and activate remote accessories even while the system is in valet mode.
- ☑ **Smart Courtesy Lighting**—The interior light(s) automatically turn on when you disarm with the remote control and remain on for 30 seconds or until you start the engine.

Optional Accessories

- ☐ **Additional Remote Controls** — For other drivers of the vehicle, you can instantly program as many as four 2, 4 or 8 channel remote controls with just a few flicks of a switch and a press of a button! For maximum security, use the optional Clifford Premier™ line of 4.3-billion-code remote controls.
- ☐ **Garage Door Programmable Receiver** — Command your electric garage door with button II of the Delta IV remote control. Your garage door remote control will be on your keychain and with you at all times, not left behind on your car's sun visor as a bonus to any thief. You can install the Programmable Receiver yourself in minutes with just a screwdriver— no special skill or technical knowledge is required.
- ☐ **SmartWindows™ II** — Automatically closes the windows/sunroof when you arm your Delta IV with the remote control. Gives you total command of the vehicle's power windows and sunroof via the remote control — open or close them, fully or just a crack — from up to 100 feet away.
- ☐ **Proximity Sensor™** — A surface-mounted technology (SMT) three-dimensional sensor that scans the space inside the passenger compartment. This makes it extraordinarily effective in protecting convertible, T-top, soft-top and no-top vehicles.
- ☐ **Full Perimeter Window Protection** — Just add one more microphone to your Delta IV to give you full perimeter glass protection. Ideal for vans and other large vehicles.
- ☐ **Remote Trunk Release** — Lets you remotely open the trunk from up to 100 feet away. It's the perfect convenience when carrying an armload of packages or groceries.
- ☐ **Range Booster** — Extend remote control range to an average of 300 feet with the tiny ElectroLoop™ Antenna that mounts unobtrusively within your vehicle.
- ☐ **Self-Powered Siren** — Keeps on wailing even if a thief cuts all the wires.

Delta™ IV

Advanced Technology
Vehicle Security System



With Clifford's renowned
FACT
False Alarm Control and Test

The absolute cure
for the
common false alarm

☒ **Built-In Parking Light Flasher**—Visually confirms alarm status from a distance.

☒ **Smart AutoTesting™**—Every time you remotely arm, it instantly and automatically performs comprehensive testing of all triggers and sensors. If a malfunction is found, the system will audibly and visually alert you of the problem and *specifically* identify the malfunction, virtually eliminating costly trouble-shooting time.

☒ **Malfunction AutoBypass™**—In the unlikely event of a trigger/sensor malfunction, Super Nova will automatically bypass it and arm all other points to continue relentless protection of your vehicle.

☒ **Glass Tampering Sensor**—Can detect an attempt to break any of your vehicle's windows *before* the glass can be broken.

☒ **TotalRecall™**—Super Nova's non-volatile memory stores and permits you to recall the identity of the last trigger or sensor activated while the system was armed. This provides an invaluable informational and diagnostic means.

☒ **Enhanced AutoArming™**—Super Nova arms itself automatically ("*passively*") if you forget.

- **AutoArming Enable/Disable**—Whenever you wish, you may deactivate or reactivate AutoArming with just flicks of a switch.
- **Visual Parking Light Acknowledgment**—AutoArming is confirmed with two flashes of the parking lights.
- **User-Selectable AutoArm & Lock**—You may set your Super Nova to automatically lock the car doors every time the system AutoArms.

☒ **Dual-Level Tampering Warning**—You can set the system to issue a rapid five-chirp warning whenever Super Nova detects any intrusion-related tampering. If there is any further tampering, or if the boot, bonnet or a door is opened at *any* time, Super Nova will sound a continuous 125dB siren blast.

☒ **High-Output Siren**—Loud 125dB siren sound.

- **User-Selectable Siren Duration**—You may set the siren wail for either 30 or 60 seconds.

You have invested a substantial sum of money in your car, yet you must leave this substantial investment parked out on the street where it's easy prey to thieves and vandals.

Delta IV will unerringly protect your investment. Clifford's Delta IV is an advanced technology remote control vehicle security system packed with



imaginative leading-edge security and convenience features.

Only Delta IV gives you both a vibration/impact sensor *and* a built-in, fault-free glass-breakage sensor.

Say good-bye forever to fumbling with keys in the dark or bad weather. For convenience and personal safety, the miniature keychain remote control will command the system from as far away as 100 feet. With a mere press of a button you simultaneously arm the alarm *and* lock all the car's doors. Another press disarms the alarm, unlocks the doors *and* automatically turns on the vehicle's interior courtesy lights to give you, at night, a clear view of your vehicle's interior *before* you enter. The courtesy lights will stay lit for 30 seconds or until you start the engine.

Delta IV is designed to give you peace of mind and be in harmony with your environment. For instance, one of the many unique aspects of this wonderfully user-friendly system is Clifford's exclusive **FACT** (False Alarm Control and Test) feature that ***absolutely, positively, prevents recurring false alarms.*** For those times when you return home late at night and don't want to disturb your neighbors, you can mute the audible arming/disarming "chirp" acknowledgements with a mere flick of the ignition switch. Only the parking lights will flash to *silently* confirm arming and disarming.

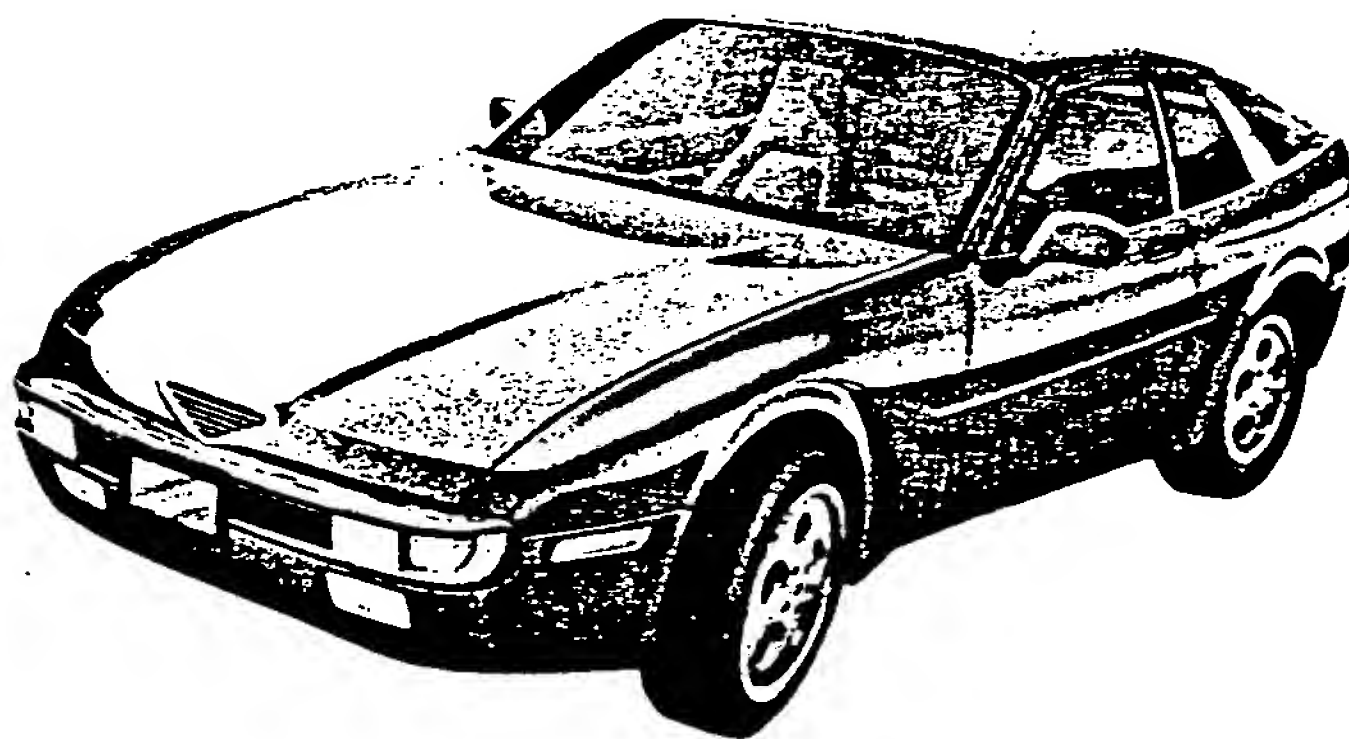
And to top it all off, Delta IV may more than pay for itself since its ("passive") AutoArming feature alone may entitle you to a substantial discount on your insurance premiums (check with your insurance agent).

Standard Features

- ☑ **Lifetime Warranty** — This is one feature you'll probably never use since Clifford systems are renowned for their reliability. But if you do, it should comfort you to know that as long as you own the vehicle, Clifford will repair or replace your security components free of charge and — unlike other alarm manufacturers — Clifford never charges "processing fees."
- ☑ **FACT™— False Alarm Control and Test** — An exclusive Clifford innovation that ***absolutely, positively puts an end to recurring false alarms.*** If an improperly adjusted sensor causes the alarm to sound, Delta IV will check for another activated trigger before sounding the siren a second time. Should the alarm sound again ***you will know for sure*** that someone is tampering with your vehicle.
- ☑ **Built-In Glass Breakage Sensor** — World's most advanced electronic window tampering sensor detects and verifies intrusion attempts even *before* the glass can be broken.
- ☑ **Dual-Button/Dual-Channel Remote Control** — A press of a button on the remote control will arm, disarm and, in an emergency, "panic" Delta IV from a typical range of 100 feet. Button II can optionally activate SmartWindows, the trunk release, your electric garage door or a Clifford system on your second car.
- ☑ **Built-In Parking Light Flasher** — To visually confirm alarm status, the parking lights will flash once when you disarm with the remote control, twice when you arm and three times upon disarming if an intrusion attempt was foiled while you were away. If an intrusion is attempted, Delta IV will repeatedly flash the parking lights while sounding the high-output siren.
- ☑ **Owner-Selectable Chirp Muting** — The alarm "chirps" once when disarming and twice when arming. When parking late at night in a quiet residential area, you may mute the chirps with a mere flick of the ignition switch. The flashing parking lights will continue to provide *silent* arm/disarm acknowledgement.
- ☑ **Advanced CMOS Microprocessor** — Very large scale integration (VLSI) microprocessor commands and monitors all system functions at the rate of more than 100,000 instructions per second, yet draws less power than your vehicle's clock.

- ☒ **AntiScan™** — An electronic countermeasure that makes certain your system is unbreachable. Thieves can disarm run-of-the-mill car alarms with an electronic “scanner” that rapidly transmits one remote control code after another. Delta IV will block out any codes generated by an illicit scanner.
- ☒ **Remote Door Locking/Unlocking** — Just a press of a button on the remote control arms the system *and* locks the car doors; another press disarms *and* unlocks.
- ☒ **Keyless Entry in Valet Mode** — The remote control may be used to lock and unlock the car doors even when the system is in valet mode.
- ☒ **Smart Courtesy Lighting™** — For your safety and convenience, the interior courtesy light will turn on when you remotely disarm and will remain on until you start the engine or for 30 seconds. If an intrusion is attempted, Delta IV will sound the siren and repeatedly flash the interior and parking lights for as long as the siren sounds, drawing maximum attention to the vehicle.
- ☒ **MultiRemote Recognition™** — For other drivers of the vehicle, you may instantly match to your Delta IV — with a mere flick of a switch and press of a button — up to 4 Clifford remote controls regardless of type, code or number of channels! Just as easily, the code of a lost or stolen remote control can be deleted. For maximum security, use the optional Clifford Premier™ line of 4.3-billion-code remote controls.
- ☒ **Smart AutoArming™** — Your Delta IV will arm itself automatically (“passively”) if you forget to arm it with the remote control. This may qualify you for an insurance discount that may pay for the system (check with your insurance agent).
- ☒ **AutoArming Enable/Disable** — Disable or re-enable AutoArming at will, with just a few flicks of a switch.
- ☒ **Door Control** — Delta IV does not lock the doors when the system AutoArms to prevent you from accidentally locking your keys inside.
- ☒ **Prior Intrusion Attempt Alert** — When you disarm the system with the remote control, Delta IV will audibly and visually alert you — from a distance — if an intrusion attempt was foiled while you were away.

- ☑ **AutoDiagnostics™** — Every time you remotely arm, Delta IV will instantly perform a comprehensive test of all system triggers and sensors. Delta IV audibly and visually alerts you of any problem *and* identifies whether it is a trigger or sensor, thereby reducing costly trouble-shooting time.
- ☑ **Defect AutoBypass™** — In the unlikely event of a trigger or sensor malfunction, Delta IV will automatically bypass the defect and arm all other points to *continue* relentless protection of your vehicle.
- ☑ **Magnetic Resonance Sensor™** — Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ **High-Output Siren** — Loud, high-output siren scream for 30 seconds. Delta IV then automatically resets to monitor for any further intrusion attempts.
- ☑ **LED Status Indicator** — Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☑ **Starter Disable** — Prevents an intruder from starting the engine.
- ☑ **Hood/Trunk Trigger Input** — Allows for full protection of engine compartment and trunk contents. (May require optional pin switches.)
- ☑ **SmartPowerUp™** — Sounds the siren if power is removed and then restored in a theft attempt, but permits *authorized* power reconnection.
- ☑ **Remote Panic Feature** — Remotely activate the siren and parking lights from inside or outside the vehicle if you or your car are threatened.
- ☑ **Valet Mode** — Permits vehicle servicing and valet parking without relinquishing the remote control.



✓ **Smart Remote Trunk Release Capability** — An electronic interlock assures that the optional remote trunk release can be activated only when the system is disarmed.

✓ **Patented Remote Control Code Learning and MultiRemote Recognition™** — Just a few flicks of a switch lets you match to SuperNova II up to four remote controls. Just as easily, the code of a lost or stolen remote can be permanently deleted from system memory. That means your SuperNova II can never be controlled by someone who found or stole your missing remote control.

✓ **High-Luminescence LED Status Indicator** — Bright red LED adds visual deterrence and identifies system status: armed, disarmed and valet mode.



✓ **Hood/Trunk Trigger Input** — Protects the engine compartment and trunk contents (may require optional pin switches).

✓ **Patented SmartPowerUp™ II** — When power to the system is disconnected, the system's non-volatile memory always remembers the last state (armed, disarmed or valet mode) and returns to that state when power is restored. So if a thief disconnects the power and then restores it in an attempt to start the car, the system will re-arm and instantly sound the siren while immobilizing the vehicle.

✓ **Channel 4 Output** — Allows you to command yet another remote controlled accessory with an optional 4-button/12-channel ACG remote control.

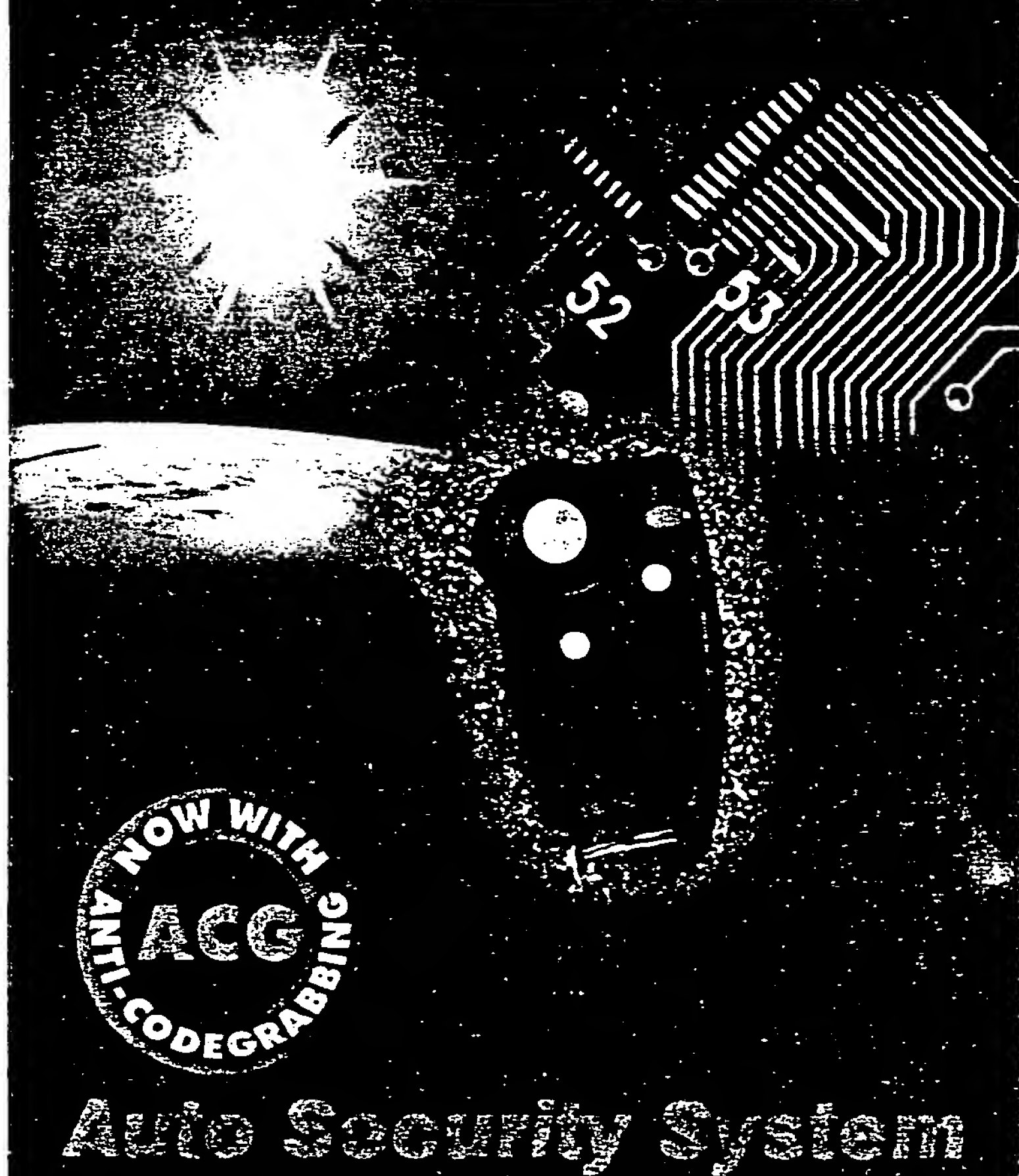
✓ **Easy Programming Access** — You can change the status of any of SuperNova II's 14 user-selectable features with just a few flicks of a switch.

SuperNova II is covered by one or more of the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375 and other patents.

CLIFFORD

World-Class Auto Security

II SuperNova



NOW WITH
ACG
ANTI-CODEGRABBING

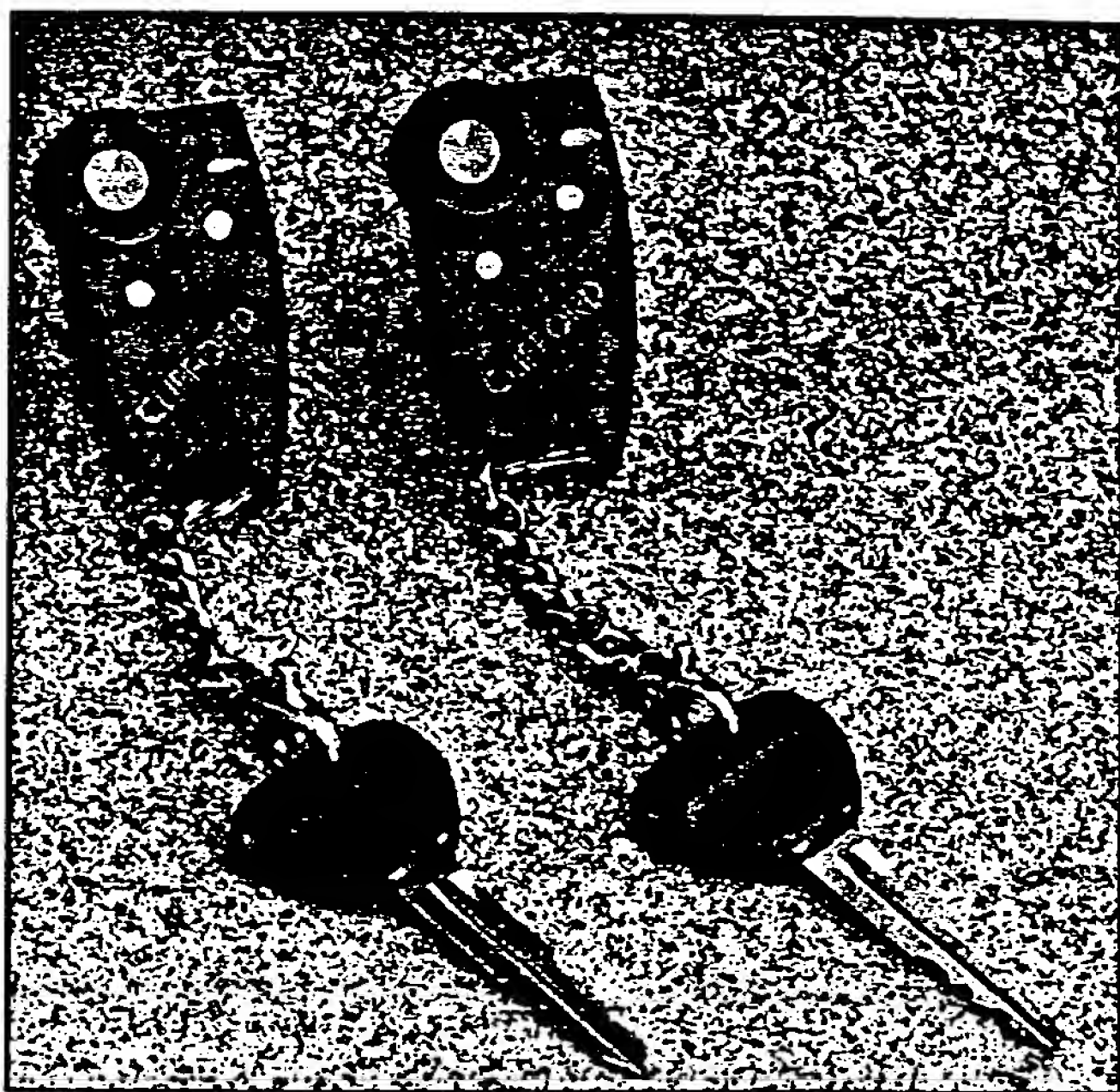
Auto Security System

CLIFFORD ELECTRONICS is world renowned for its technical innovations, product reliability and unsurpassed service. Now Clifford introduces a stunning new value in vehicle security.

SUPERNOVA II is a world-class, user-friendly, sophisticated, microprocessor-controlled security/convenience system loaded with ingenious features unmatched by any other brand of car alarm, yet it costs no more than other manufacturers' run-of-the-mill "me-too" alarms.

Most importantly, SuperNova II combats the latest and most ominous trend in electronic thievery: *Code-grabbing*. Car thieves with code-grabbers can capture and record, right off the air, the digital code transmitted by virtually every car alarm remote control. When you are gone, the thief plays back the code to disarm the alarm and unlock the doors. Within seconds, your car becomes just another car theft statistic. Fortunately, SuperNova II's Anti-CodeGrabbing (ACG) technology is impervious to code-grabbers, rendering them useless.

We invite you to compare the features and benefits of the SuperNova II vehicle security/convenience system to anything else in its price class. You'll quickly discover that the SuperNova II delivers SuperValue.



CLIFFORD ELECTRONICS

✓ **\$2,000 AntiTheft Guarantee**—If your SuperNova II protected vehicle is stolen, Clifford will pay you up to \$2,000 (see the guarantee card for details).

✓ **Lifetime Warranty** — This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford will repair or replace the control unit and remote controls free of charge.

✓ **FACT™—False Alarm Control and Test** — One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound again, you will know for sure that someone is tampering with your car.

✓ **A Pair of 3-Button/3-Channel Remote Controls**—These sophisticated yet easy-to-use, lithium battery powered keychain remote controls give you fingertip command of your SuperNova II from up to 100 feet away. A press of a button is all it takes to:

- Remotely arm and automatically lock the doors.*
- Remotely disarm and automatically unlock* the doors as well as illuminate the interior courtesy lights for 30 seconds or until you start the engine.
- Activate the remote panic feature and simultaneously unlock* the doors if you are outside or lock* them if you are inside the vehicle.
- Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
- Control a SuperNova II system on your second car with the same remote control.
- Remotely turn on the headlights* for any duration you wish between one second and two minutes.
- On certain vehicles, the system can be wired to automatically close all the power windows and sunroof every time you remotely arm the system.
- Activate an optional accessory, such as a remote trunk release, remote power window control, electric garage door activation, or you can even remotely start your car's engine and heater or air conditioner!

*Some vehicles require optional relays.

- ✓ **AntiScan™** — Thieves use digital code “scanners” that rapidly transmit one remote control code after another until they hit the one code that disarms the alarm. AntiScan recognizes scanners and blocks their codes to prevent disarming by anyone but you.
- ✓ **Anti-CodeGrabbing™ (ACG) with Random Code Encryption**— Today’s criminals are shifting from code scanning to a new, much more efficient method of electronic thievery: “code-grabbing.” When you use a car alarm remote, it transmits a digital code to your alarm. A thief with a code-grabber can record that code right off the air from hundreds of feet away, then play it back when you’re gone to disarm the alarm and unlock the doors. In seconds, your car is just another theft statistic. Fortunately, Clifford’s Anti-CodeGrabbing (ACG) randomly changes the transmitted code *every* time you press any of the remote control buttons. And since these codes are selected by the system’s microprocessor from an electronic file containing several trillion codes, the remote control *NEVER* sends the same code twice, and the system control unit *NEVER* accepts the same code twice. That makes code-grabbers useless. *Only ACG can make a car alarm impervious to code-grabbing, and only Clifford systems have ACG.*
- ✓ **Full-Time Remote Panic with Automatic Locking/Unlocking Capability**— If you feel threatened, you can, with just a fingertip touch on your remote control, sound the siren, flash the parking lights and unlock the doors for quick entry into your car without fumbling with your keys. If you press the panic button while driving, the siren will sound, the lights will flash and the doors will lock to shield you from the assailant.
- ✓ **Remote Door Locking/Unlocking Capability** — *No more fumbling with keys in the dark or bad weather!* A press of a button on the remote simultaneously arms the system and locks your vehicle’s power locks. Another press disarms and unlocks (may require optional relays).

- ✓ **UltraSecure™ Coded Valet Mode** — All other brands of alarms use a so-called “hidden” valet switch that any thief can use to immediately turn off the alarm. In contrast, Clifford’s UltraSecure Coded Valet Mode provides unbreachable security that no criminal can overcome and that no other manufacturer offers. This is achieved with an attractive console-mounted PlainView™ switch similar to those used in Rolls-Royce vehicles. But beauty is more than skin deep. This switch is easy to use and lets you set your own personal code with up to 1,000



different possibilities. And, any time you wish, you can change your code. No thief can breach the exclusive security of Clifford’s coded valet

switch even if he tries entering codes at random. Why? Because after three incorrect codes are entered, the system immediately sounds its siren, flashes the parking lights and ignores for a certain time any more code entry attempts . . . even if the thief were to actually stumble onto your secret code!

- **Remote Controlled Valet Mode Capability** — With the optional 4-button/12-channel remote control, you can remotely command the system to enter or exit valet mode from up to 100 feet away.
- ✓ **Dual-Sensor Protection** — A Magnetic Resonance Sensor™ detects intrusion-related vibrations and impacts, while a Glass Tampering Sensor™ detects any attempts to break any of your car’s windows.
- ✓ **Remote Controlled Chirp Muting**— Just a press on remote control button 3 will arm or disarm the system *silently*. It’s perfect when you need to arm or disarm at night in a quiet residential area.
- ✓ **Remote Headlight Activation Capability**— A press of a button on your remote control will turn on the headlights for any duration you wish between one second and two minutes to light your way to and from your vehicle (may require an optional relay).

☑ **User-Selectable AutoLock and AutoUnLock™**—

For your safety, when you begin driving, all the doors will automatically lock. Conversely, the doors will automatically unlock when you park your vehicle. If you prefer, you may turn off one or both features.

☑ **Remote Window/Sunroof Closure Capability**— On certain vehicles (including several models of Mercedes Benz, Jaguar, Volkswagen and BMW), the SuperNova II's integrated timer and an optional relay can be used to automatically close all the vehicle's power windows/sunroof every time you use the remote control to arm your SuperNova II.

☑ **Patented Smart AutoTesting™**— Automatically tests all triggers and sensors every time you remotely arm and will alert you of any problem. What's more, your SuperNova II system will specifically identify the malfunction, thereby eliminating time-consuming and costly trouble-shooting.

☑ **Built-In Parking Light Flasher** — Visually confirms alarm and door lock status from a distance.

☑ **Remote Controlled Courtesy Lighting**— For your safety and convenience, when you remotely disarm, your vehicle's interior lights will turn on and stay on until you start the engine or 30 seconds, whichever occurs first.

☑ **Patented Malfunction AutoBypass™** — In the unlikely event of a trigger or sensor malfunction, SuperNova II automatically bypasses the problem and arms all other points to continue relentless protection of your vehicle.

☑ **TotalRecall™** — SuperNova II's memory automatically stores the identity of the last trigger or sensor activated. This provides an invaluable diagnostic means, since, whenever you wish, the system will visually identify the activated trigger or sensor.

☑ **High-Output Insignia™ Siren** — Loud yet compact siren designed exclusively by Clifford Electronics for far superior performance, features, reliability and even aesthetics to all other sound-alike sirens.

- *User-Selectable Siren Duration* — 30 or 60 seconds.
- *Patented Automatic Noise Abatement™* — Limits alarm sounding to no more than 5 minutes even if a door is left open in the wake of an intrusion. This ensures against battery drain or towing of your car due to noise pollution.

☑ **Patented Smart Prior Intrusion Attempt Alert** — When you remotely disarm, your SuperNova II will audibly and visually alert you from a distance if an intrusion attempt was foiled while you were away. It even identifies the specific trigger or sensor that detected the attempt.

☑ **Selectable Starter/Ignition Interrupt™** — You may choose either a fault-proof mode, which lets you start the engine even in the unlikely event of a system failure, or ultra-secure mode that ensures a thief won't be able to start the vehicle even if he cuts the electrical wires or finds the system control unit and disconnects it!

☑ **User-Selectable AutoArming™**— Passively arms itself if you forget; may qualify you for an insurance discount that can pay for the system (ask your insurance company).

- *AutoArming Enable/Disable* — You may disable or re-enable AutoArming with just a few flicks of a switch.
- *AutoArm & Lock™* — You may set the system to auto- matically lock the doors every time the system AutoArms.
- *Visual Indication* — Two parking lights flashes signal that the 30-second countdown to AutoArming has started.
- *Instant AutoArm Bypass* — Just a couple quick turns of the ignition switch bypasses AutoArming for one cycle — perfect when fueling the vehicle. AutoArming is automatically restored the next time you park the car.

Optional Accessories

- ☐ **Additional Remote Controls** —For other drivers of the vehicle, you can easily and instantly add 2, 4 and 8 channel Clifford remote controls regardless of their types or codes with just a flick of a switch! For maximum security, use the optional Clifford Premier™ line of 4.3-billion-code remote controls.
- ☐ **Garage Door Programmable Receiver** — Command your electric garage door with the Ace II remote control. Your garage door remote control will be on your keychain and with you at all times, not left behind on your car's sun visor as a bonus to any thief. You can install the Programmable Receiver yourself in minutes with just a screwdriver.
- ☐ **SmartWindows™ II** —For maximum convenience and security, SmartWindows II automatically closes the power windows/sunroof every time you remotely arm the system. It also gives you total command of the windows and sunroof via the remote control from up to 100 feet away (300 feet with the ElectroLoop Antenna).
- ☐ **ElectroLoop™ Antenna** —Mounts unobtrusively inside your vehicle to extend the range of your remote control to 300 feet.
- ☐ **OmniSensor™** —World's only *all-electronic, microprocessor-controlled, user-programmable vibration/impact sensor*. Only the OmniSensor allows you to adjust its sensitivity with a few flicks of a switch any time, any place, without tools and without even knowing where the sensor is mounted! The OmniSensor will unerringly detect all genuine threats and unfailingly ignore the non-threatening conditions that cause other sensors to false alarm.
- ☐ **IntelliSensor™ 3-D** —World's most advanced, fully automatic window tampering sensor detects and verifies intrusion attempts *before* the glass can be broken.
- ☐ **Remote Trunk Release** —Open the trunk from as far away as 100 feet (300 feet with the ElectroLoop Antenna).

Ace™ II

Advanced Technology Vehicle Security System



With Clifford's renowned
FACT
False Alarm Control and Test

*The absolute cure
for the
common false alarm*

Standard Features

- ☑ **Lifetime Warranty** — This is one feature you'll probably never use since Clifford systems are renowned for their reliability. But if you do, it should comfort you to know that for as long as you own the vehicle, Clifford will repair or replace your security components free of charge and — unlike other alarm manufacturers — Clifford *never* charges "processing fees" or "handling charges."
- ☑ **FACT—False Alarm Control and Test** — An exclusive Clifford innovation that *absolutely, positively puts an end to recurring false alarms*. Here's how it works: If an improperly adjusted sensor causes the alarm to sound, Ace II's microprocessor automatically will check for another activated trigger before sounding the siren a second time. Should the alarm sound again, *you will know for sure* that someone is tampering with your vehicle.
- ☑ **4-Button/MultiChannel Remote Control** — For security and convenience, button I will arm, disarm and in an emergency, "panic" Ace II from a typical range of 100 feet. Buttons II, III and IV can optionally activate SmartWindows, the vehicle's trunk release, your electric garage door or a Clifford system on your second vehicle. Optional 8 channel remote controls are available that will allow you to directly access all of these accessories and more.
- ☑ **MultiRemote Recognition™**
This remarkable feature lets you instantly match to your Ace II, with a few flicks of a switch, up to eight Clifford remote controls, regardless of type, code or number of channels. Just as easily, the code of a lost or stolen remote control can be deleted. For the ultimate in digital code security, use the optional Clifford Premier™ line of 4.3-billion-code remote controls.
- ☑ **Advanced CMOS Microcomputer**
Very large scale integration (VLSI) microprocessor commands and monitors all system functions more than 100,000 times per second, yet draws less power than your vehicle's clock.

- ☑ **Smart AntiScan™** — Thieves disarm run-of-the-mill car alarms with an electronic *scanner* that rapidly transmits one remote control code after another. Ace II blocks scanner codes then sounds the siren and flashes the interior and parking lights.

SmartDoors™

- ☑ **Remote Door Locking and Unlocking** — *No more fumbling with keys in the dark or bad weather!* A press of a button on the remote control arms the system *and* locks all the car doors, another press disarms *and* unlocks.
- ☑ **AutoLock™** — For the safety of you and your passengers, when you begin driving, Ace II will automatically lock all the vehicle doors.
- ☑ **AutoUnlock™** — Automatically unlocks the doors for you and your passengers when you turn off the ignition. (You can turn the AutoLock and AutoUnlock features on or off with just a few flicks of a switch.)
- ☑ **Keyless Entry in Valet Mode** — You can use the remote control to lock and unlock the doors or activate options like a remote trunk release even when the system is in valet mode.

SmartLights™

- ☑ **Courtesy Lighting** — For your safety and convenience, when you disarm your Ace II with the remote control, the vehicle's interior courtesy lights will turn on until you start the engine or for 30 seconds, whichever occurs first.
- ☑ **Visual Arm/Disarm/Prior Attempt/Diagnostics Confirmation** — To visually confirm system status, the parking lights will flash once when you disarm with the remote control, twice when you arm, three times if an intrusion attempt was foiled while you were away, and four times if there is a trigger or sensor malfunction.
- ☑ **Visual Alert** — If an intrusion is attempted, Ace II will sound the siren as well as repeatedly flash the interior and parking lights for as long as the siren sounds, drawing even more attention to the vehicle.

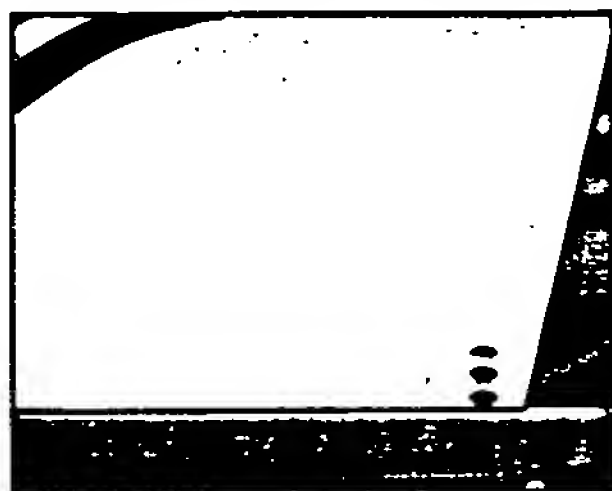
Smart AutoArming™

- ☑ **AutoArming™** — Ace II will arm itself automatically ("passively") if you forget to arm it with the remote control. This may qualify you for an insurance discount that may pay for the system (consult your insurance agent).
- ☑ **Programmable Entry Delay** — Whenever you remotely arm the system, the alarm will sound as soon as the car door is opened. However, if you ever temporarily lose the use of your remote control, just let the system AutoArm itself. An entry delay will allow you to enter and start the vehicle. If you wish, you can change the entry delay from its preset 15 seconds to any desired duration between 1 and 59 seconds.
- ☑ **Immediate Triggers** — Even in the AutoArming mode, the instant an intrusion is detected, the entry delay will be canceled, the siren will sound and the interior and parking lights will flash.
- ☑ **AutoArming Enable/Disable** — If you wish, you may deactivate or reactivate, at will, the Smart AutoArming features with just a few flicks of a switch.
- ☑ **Smart AutoDiagnostics™** — Every time you remotely arm the system, Ace II instantly performs a comprehensive test of all system triggers and sensors. If a defect is found, the system audibly and visually alerts you of the problem and specifically identifies the malfunction, thereby reducing costly trouble-shooting time.
- ☑ **Defect AutoBypass™** — In the unlikely event of a trigger or sensor malfunction, Ace II will automatically bypass the defect and arm all other points to continue relentless protection of your vehicle.
- ☑ **Owner-Selectable Chirp Muting** — When using the remote control, the siren will "chirp" and the parking lights will flash to confirm system status. Whenever you wish, you may silence the chirps with just a turn of the ignition key, allowing for silent, parking light only confirmation of arming and disarming.
- ☑ **Magnetic Resonance Sensor™** — Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ **Proximity Sensor™** — A three-dimensional sensor that scans the space inside the passenger compartment. This makes it extraordinarily effective in protecting convertible, T-top and no-top vehicles.
- ☑ **Full CallGuard™ Compatibility** — Allows complete integration with the optional CallGuard system — *the only auto theft recovery system that allows the owner to stop a car thief dead in his tracks from anywhere in the world — even while he is driving your car.* Ace II's advanced CallGuard compatibility provides you with voice-synthesized Smart AutoDiagnostics and lets you arm/disarm and lock/unlock the doors from anywhere in the world! Ask your Ace II dealer for information on CallGuard.
- ☑ **Prior Intrusion Attempt Alert** — When you remotely disarm the system, it will audibly and visually alert you — from a distance — if an intrusion attempt was foiled while you were away. What's more, the LED status indicator will identify the specific trigger or sensor that was tripped by the attempt.
- ☑ **High-Output Siren** — Loud, high-output siren scream.
- ☑ **LED Status Indicator** — Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☑ **Starter Disable** — Prevents an intruder from starting the engine.
- ☑ **Hood and Trunk Trigger Inputs** — Allows for full perimeter protection of the engine compartment and trunk contents.
- ☑ **SmartPowerUp™** — Sounds the siren if power is removed and then restored in an attempt to steal the vehicle, but permits *authorized* power reconnection.
- ☑ **Remote Panic Feature** — Lets you remotely activate the siren as well as the parking and courtesy lights from inside or outside the vehicle if you or your car are threatened.
- ☑ **Protected Valet Mode** — Permits vehicle servicing and valet parking without relinquishing the remote control.

The Clifford Ace™ II does much more than ace out car thieves and vandals since it is much more than a car alarm. Ace II is loaded with ingenious features that other manufacturers don't yet have on their wish lists, let alone in their alarms. Despite its many sophisticated attributes, Ace II is wonderfully user-friendly. Controlling any aspect of this advanced mobile electronics system is as easy as pressing a button on its 4-button/multichannel keychain remote control.

One of the many unique aspects of this world-class system is the exclusive FACT (False Alarm Control and Test) feature that ***absolutely, positively prevents recurring false alarms.***

Other advanced convenience features include SmartDoors™ which automatically locks all the vehicle doors when you begin driving and unlocks them when you turn the ignition key off. Say good-bye forever to fumbling with keys in the dark or bad weather. Just a press of a button on the remote control will simultaneously disarm the alarm and unlock the car doors from as far away as 100 feet (300 feet with the optional ElectroLoop Antenna™). Conversely, another press will arm the alarm and lock all doors.



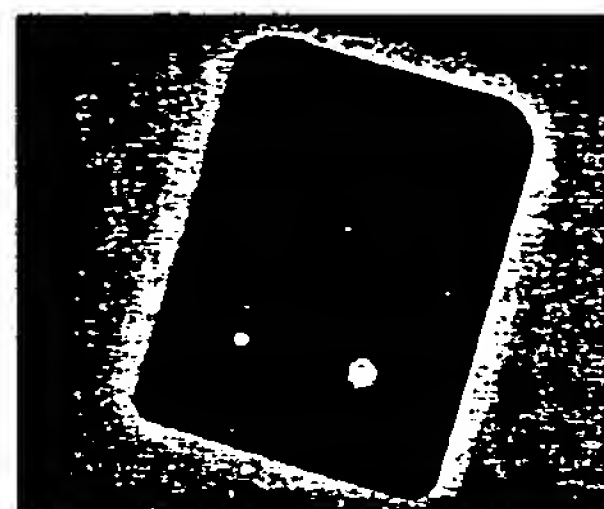
For your safety at night, when you disarm the alarm with the remote control, Ace II's SmartLights™ feature automatically turns on the interior courtesy light and keeps it on for 30 seconds or until you start the engine.

For other drivers of the vehicle, you can add up to eight Clifford remote controls regardless of type, code or number of channels with a few flicks of a switch. Just as easily, you can delete the code of a lost or stolen remote control.

Buttons II, III and IV of the remote control can be used to optionally command the vehicle's power windows and sunroof, a trunk release, your electric garage door or a Clifford system on your second vehicle. Optional 8 channel remote controls are available that will allow you to directly access all of these accessories and more.

Ace II employs an array of isolated trigger inputs to protect your automobile's doors, hood and trunk compartment contents. It also utilizes two distinct types of high-technology sensors.

Ace II's Proximity Sensor™ is a surface-mounted technology (SMT) sensor that constantly scans the space inside the vehicle's passenger compartment while the alarm is



armed. Any intrusion or body movement within the passenger compartment will trigger the alarm. And since the Proximity Sensor is a three-dimensional sensor, it protects the space inside the passenger compartment, not just the car's surface,

making it extraordinarily effective in protecting T-top, soft-top, convertible and no-top vehicles. Unlike ultrasonic detection devices, the Proximity Sensor is completely impervious to wind, noise and temperature variations.

Ace II's second sensor, a Magnetic Resonance Sensor™, provides a second protective parameter to your vehicle. It detects intrusion-related impacts while ignoring common street vibrations. Other than the optional OmniSensor™ nothing provides a higher level of reliable detection than the combined performance of these two sensors.

Best of all, Ace II is priced far less than the cost of replacing a broken window and torn-out stereo...a lot less. In fact, Ace II's Smart AutoArming™ ("passive") feature may entitle you to a substantial discount on your insurance premiums. The cumulative insurance discount alone may save you more than the price you'll pay for the system (check with your insurance agent).

Considering that Ace II offers one of the highest levels of protection for your entire vehicle and its contents, there's no reason to leave this substantial investment parked out on the street unprotected where it is easy prey for thieves and vandals. Protect your investment with the exceptional Ace II system, while gaining peace of mind and convenience features that will enhance your lifestyle.

Salestalk

THE AWARD-WINNING MAGAZINE FOR THE NISSAN SALES PROFESSIONAL
APRIL 1995

25 Years of the Z

Plus: Nissan Remote Control Vehicle Security
Systems, 1995 President's Circle Dealers,
the New Owner First Survey, and More...

Optional Accessories

- ☐ **Additional Remote Controls** —For other drivers of the vehicle, you can easily and instantly add 2, 4 and 8 channel Clifford remote controls regardless of their types or codes with just a flick of a switch! For maximum security, use the optional Clifford Premier™ line of 4.3-billion-code remote controls.
- ☐ **Garage Door Programmable Receiver** — Command your electric garage door with the Ace II remote control. Your garage door remote control will be on your keychain and with you at all times, not left behind on your car's sun visor as a bonus to any thief. You can install the Programmable Receiver yourself in minutes with just a screwdriver.
- ☐ **SmartWindows™ II** —For maximum convenience and security, SmartWindows II automatically closes the power windows/sunroof every time you remotely arm the system. It also gives you total command of the windows and sunroof via the remote control from up to 100 feet away (300 feet with the ElectroLoop Antenna).
- ☐ **ElectroLoop™ Antenna** —Mounts unobtrusively inside your vehicle to extend the range of your remote control to 300 feet.
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- ☑ **FACT—false Alarm Control and Test** — An exclusive Clifford innovation that *absolutely, positively puts an end to recurring false alarms*. Here's how it works: If an improperly adjusted sensor causes the alarm to sound, Ace II's microprocessor automatically will check for another activated trigger before sounding the siren a second time. Should the alarm sound again, *you will know for sure* that someone is tampering with your vehicle.
- ☑ **4-Button/MultiChannel Remote Control** — For security and convenience, button I will arm, disarm and in an emergency, "panic" Ace II from a typical range of 100 feet. Buttons II, III and IV can optionally activate SmartWindows, the vehicle's trunk release, your electric garage door or a Clifford system on your second vehicle. Optional 8 channel remote controls are available that will allow you to directly access all of these accessories and more.
- ☑ **MultiRemote Recognition™**
This remarkable feature lets you instantly match to your Ace II, with a few flicks of a switch, up to eight Clifford remote controls, regardless of type, code or number of channels. Just as easily, the code of a lost or stolen remote control can be deleted. For the ultimate in digital code security, use the optional Clifford Premier™ line of 4.3-billion-code remote controls.
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Very large scale integration (VLSI) microprocessor commands and monitors all system functions more than 100,000 times per second, yet draws less power than your vehicle's clock.

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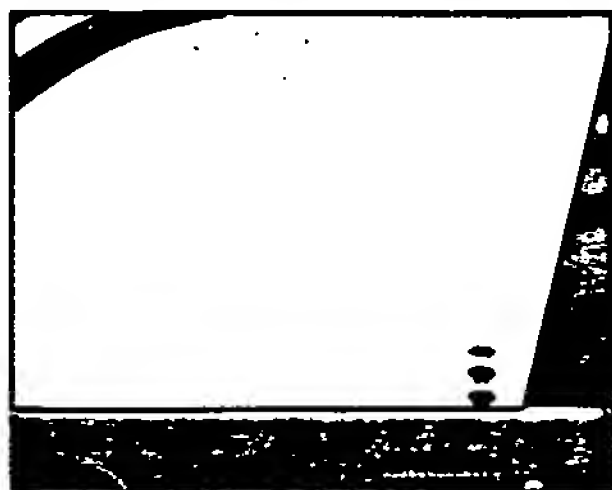
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One of the many unique aspects of this world-class system is the exclusive FACT (False Alarm Control and Test) feature that ***absolutely, positively prevents recurring false alarms.***

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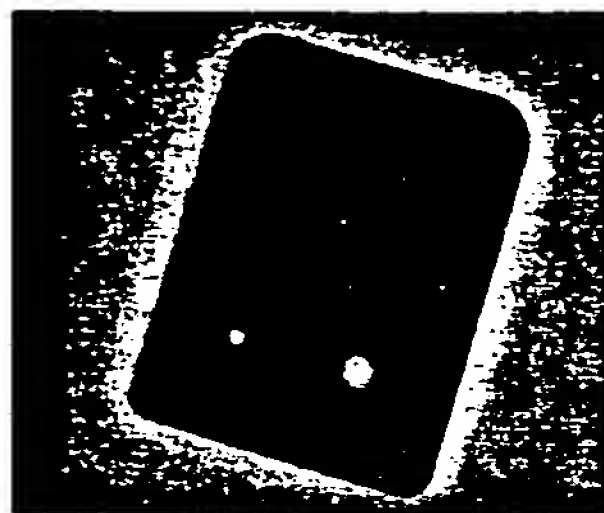
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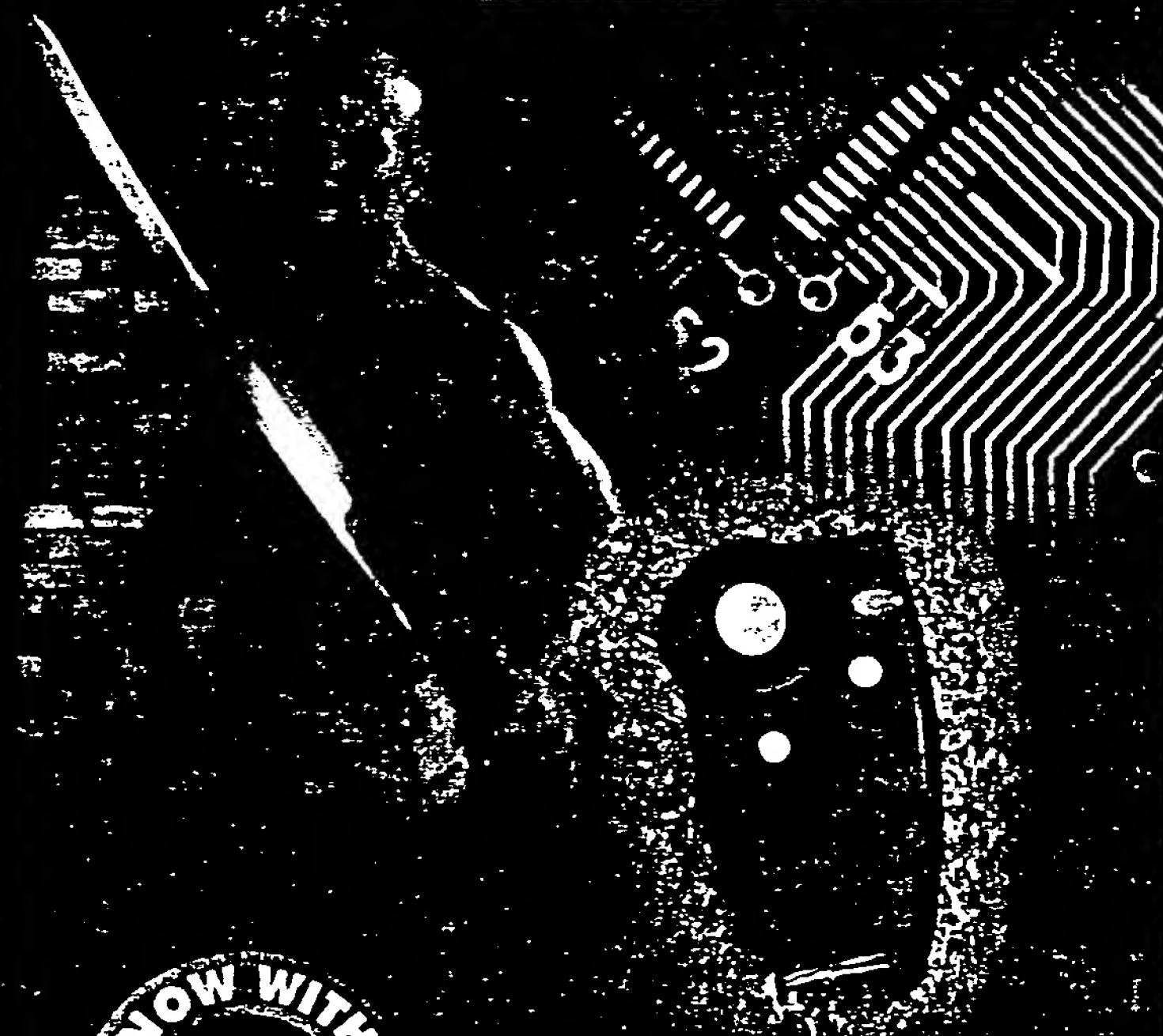
- ☑ **Advanced CMOS Microprocessor** — Very large scale integration (VLSI) microprocessor commands and monitors all system functions more than 10,000 times per second, yet draws less power than your vehicle's clock, so it won't deplete your car battery like other brands of alarms.
- ☑ **Hood/Trunk Trigger Input** — For full perimeter protection of the engine compartment and trunk contents (may require optional pin switches).
- ☑ **Patented Remote Control Code Learning and MultiRemote Recognition™** — Just a few flicks of a switch lets you match to Sabre II up to four remote controls. Just as easily, the code of a lost or stolen remote can be permanently deleted from system memory. That means your Sabre II can never be controlled by someone who found or stole your missing remote control.
- ☑ **High-Luminescence LED Status Indicator** — Bright red LED adds visual deterrence and identifies system status: armed, disarmed and valet mode.
- ☑ **Patented SmartPowerUp™ II** — When power to the system is disconnected, the system's non-volatile memory always remembers the last state (armed, disarmed or valet mode) and returns to that state when power is restored. So if a thief disconnects the power and then restores it in an attempt to start the car, the system will re-arm and instantly sound the siren while immobilizing the vehicle.
- ☑ **Easy Programming Access** — You can change the status of any of Sabre II's numerous user-selectable features with just a few flicks of a switch.

Sabre II is covered by one or more of the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375 and other patents.

CLIFFORD

World-Class Auto Security

Sabre II



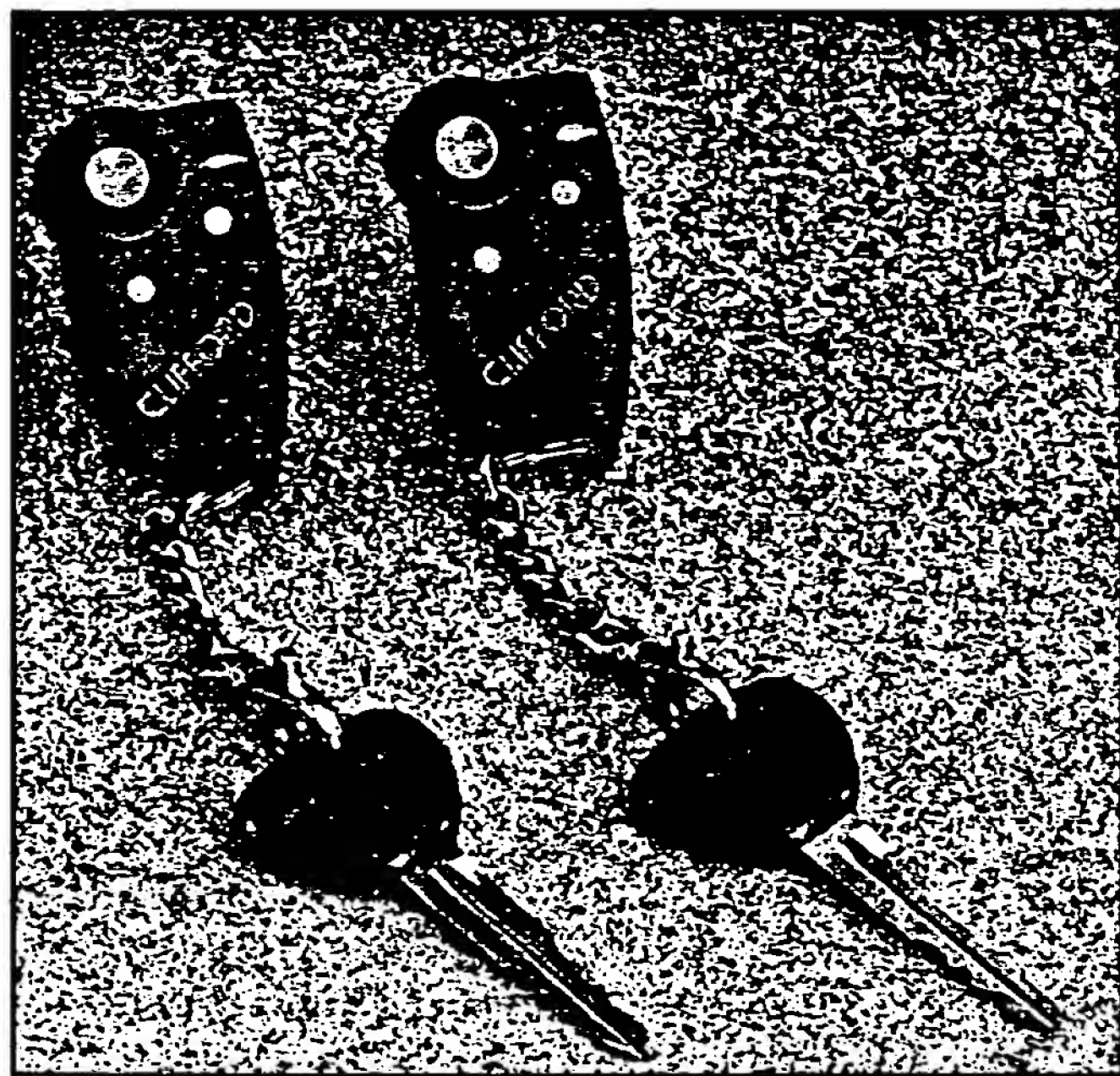
Auto Security System

CLIFFORD ELECTRONICS is world renowned for its technical innovations, product reliability and unsurpassed service. Now Clifford introduces a stunning new value in vehicle security.

SABRE II is a world-class, sophisticated, user-friendly, microprocessor-controlled security/convenience system loaded with ingenious features unmatched by any other brand of car alarm, yet the Sabre II costs no more than other manufacturers' run-of-the-mill "me-too" alarms.

Most importantly, Sabre II combats the latest and most ominous trend in electronic thievery: *Code-grabbing*. Car thieves with code-grabbers can capture and record, right off the air, the digital code transmitted by virtually every car alarm remote control. When you are gone, the thief plays back the code to disarm the alarm and unlock the doors. Within seconds, your car becomes just another car theft statistic. Fortunately, Sabre II's Anti-CodeGrabbing (ACG) technology is impervious to code-grabbers, rendering them useless.

Even a quick glance at the extensive Sabre II standard features list will convince you of its outstanding value.



- ✓ **\$2,000 AntiTheft Guarantee** — If your Sabre II protected vehicle is stolen, Clifford will pay you up to \$2,000 (see the guarantee card for details).
- ✓ **Lifetime Warranty** — This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge.
- ✓ **FACT™—False Alarm Control and Test** — One of many patented Clifford innovations, FACT **absolutely, positively puts an end to recurring false alarms**. Should the alarm sound a second time, **you will know for sure** that someone is tampering with your vehicle.
- ✓ **A Pair of 3-Button/3-Channel ACG Remote Controls** — These sophisticated yet easy-to-use, lithium battery powered keychain remote controls give you fingertip command of your Sabre II system from up to 100 feet away. A press of a button is all it takes to:
 - Remotely arm your Sabre II and automatically lock all the vehicle's doors.*
 - Remotely disarm the system and automatically unlock* the doors as well as illuminate the interior courtesy lights for 30 seconds or until you start the engine, whichever occurs first.
 - Activate the remote panic feature and simultaneously unlock* the doors if you are outside or lock* them if you are inside the vehicle.
 - Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
 - Control a Sabre II system on your second car with the same remote control.
 - Activate an optional accessory, such as a remote trunk release, remote power window/sunroof control, electric garage door activation, or you can even remotely start your car's engine and heater or air conditioner!

*Some vehicles require optional relays.

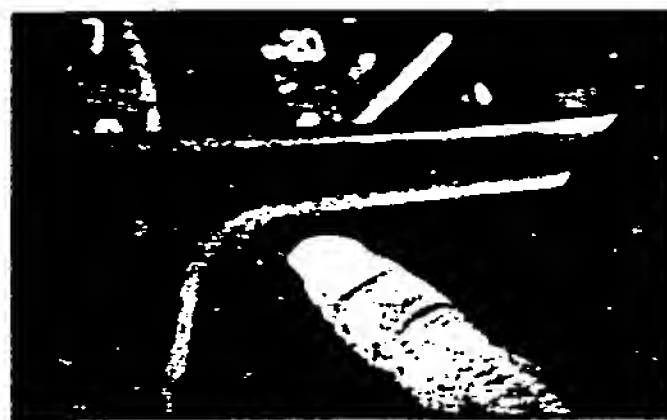
✓ **Full-Time Remote Panic with Automatic Locking/Unlocking Capability**— If you feel threatened, you can, with just a fingertip touch on your remote control, sound the siren, flash the parking lights and unlock the doors for quick entry into your car without fumbling with your keys. If you press the panic button while driving, the siren will sound, the lights will flash and the doors will lock to shield you from the assailant.

✓ **AntiScan™** — Thieves use digital code “scanners” that rapidly transmit one remote control code after another until they hit the one code that disarms the alarm. AntiScan recognizes scanners and blocks their codes to prevent disarming by anyone but you.

✓ **Anti-CodeGrabbing™ (ACG) with Random Code Encryption**— Today’s criminals are shifting from code scanning to a new, much more efficient method of electronic thievery: “code-grabbing.” When you use a car alarm remote, it transmits a digital code to your alarm. A thief with a code-grabber can record that code right off the air from hundreds of feet away, then play it back when you’re gone to disarm the alarm and unlock the doors. In seconds, your car is just another theft statistic. Fortunately, Clifford’s Anti-CodeGrabbing (ACG) randomly changes the transmitted code *every* time you press any of the remote control buttons. And since these codes are selected by the system’s microprocessor from an electronic file containing several trillion codes, the remote control *NEVER* sends the same code twice, and the system control unit *NEVER* accepts the same code twice. That makes code-grabbers utterly useless. *Only ACG can make a car alarm impervious to code-grabbing, and only Clifford systems have ACG.*

✓ **Remote Controlled Chirp Muting**— Mute the chirps on the go. Just a press on remote control button 3 will arm or disarm the system *silently*. It’s perfect when you need to arm or disarm at night in a quiet residential area.

✓ **UltraSecure™ Coded Valet Mode** — All other brands of alarms use a so-called “hidden” valet switch that any car thief can find within seconds and immediately turn off the alarm. In contrast, Clifford’s UltraSecure Coded Valet Mode provides unbreachable security that no criminal can overcome and that no other manufacturer offers. This remarkable security is achieved with an attractive console-mounted PlainView™ switch similar to those used in Rolls-Royce vehicles. But beauty is more than skin deep. This switch is easy to use and



lets you set your own personal code with up to 1,000 different possibilities. And, any time you wish, you can change your code. No

thief can breach the exclusive security of Clifford’s coded valet switch even if he tries entering codes at random. Why? Because after three incorrect codes are entered, the system immediately sounds its siren, flashes the parking lights and ignores for a certain time any more code entry attempts . . . even if the thief were to actually stumble onto your secret code!

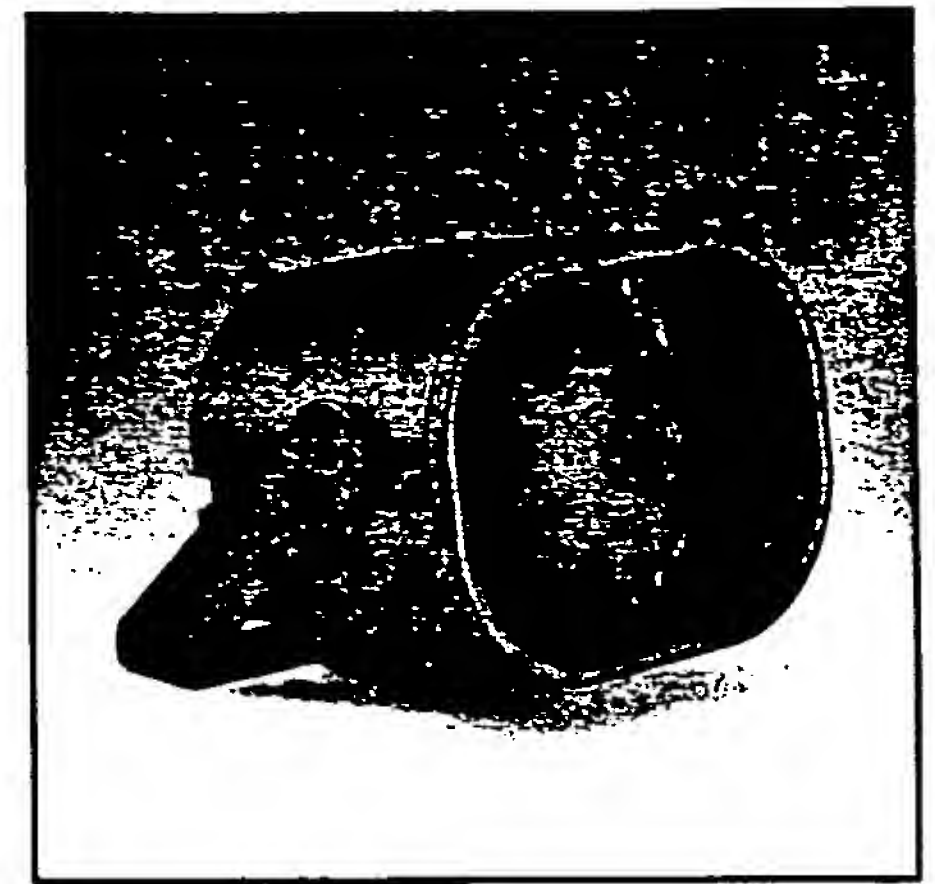
- **Remote Controlled Valet Mode Capability** — With the optional 4-button/12-channel ACG remote control, you can remotely command the system to enter or exit valet mode from up to 100 feet away.

✓ **Remote Door Locking/Unlocking Capability** — *No more fumbling with keys in the dark or bad weather!* A single press of a button on your Sabre II remote control will simultaneously arm the system *and* lock your vehicle’s power door locks. Another press will disarm *and* unlock the doors (some vehicles require optional relays).



- ☑ **Patented Smart AutoTesting™** — Automatically tests all triggers and sensors every time you remotely arm and will alert you of any problem. What's more, the system will specifically identify the malfunction, thereby eliminating time-consuming and costly trouble-shooting.
- ☑ **Built-In Parking Light Flasher** — Visually confirms alarm and door lock status from a distance.
- ☑ **Remote Controlled Courtesy Lighting** — For your personal safety and convenience, when you remotely disarm your Sabre II system, your vehicle's interior lights will turn on and stay on until you start the engine or 30 seconds, whichever occurs first.
- ☑ **Patented Malfunction AutoBypass™** — In the unlikely event of a trigger or sensor malfunction, your Sabre II will automatically bypass the problem and arm all other points to continue relentless protection of your vehicle.
- ☑ **TotalRecall™** — Sabre II's memory automatically stores the identity of the last trigger or sensor that was activated. This provides an invaluable diagnostic means, since, whenever you wish, your Sabre II will visually identify the activated trigger or sensor.
- ☑ **Patented Smart Prior Intrusion Attempt Alert** — When you remotely disarm, Sabre II audibly and visually alerts you from a distance if an intrusion attempt was foiled while you were away. It even identifies the trigger or sensor that detected the attempt.
- ☑ **Magnetic Resonance Sensor™** — Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection.
- ☑ **Selectable Starter/Ignition Interrupt™** — You may choose either a fault-proof mode, which lets you start the engine even in the unlikely event of a malfunction, or ultrasecure mode that ensures a thief won't be able to start the vehicle even if he cuts the wires or finds the system control unit and disconnects it!

- ☑ **High-Output Insignia™ Siren** — A loud yet compact siren designed exclusively by Clifford Electronics for far superior performance, features, reliability and even aesthetics to all other look-alike, sound-alike sirens.



- **Patented Automatic Noise Abatement™** — The Sabre II siren electronics automatically limit alarm sounding to no more than three minutes even if a door is left open in the wake of an intrusion attempt. This ensures against car battery drain or towing of your vehicle due to noise pollution. The Sabre II will then automatically reset itself and will re-arm all other triggers and sensors to continue to provide the utmost possible protection.
- ☑ **User-Selectable AutoArming™** — Passively arms itself if you forget to arm it with the remote control; may qualify you for an insurance discount that can pay for the system (ask your insurance company).
 - **AutoArming Enable/Disable** — You may disable or re-enable the AutoArming features with just a few flicks of a switch.
 - **AutoArm & Lock™** — You may set the system to automatically lock the doors every time the system AutoArms.
 - **Visual Indication** — Two parking lights flashes signal that the 30-second countdown to AutoArming has started.
 - **Instant AutoArm Bypass** — Just a quick turn of the vehicle's ignition switch will bypass AutoArming for one cycle — perfect when fueling the vehicle. AutoArming is automatically restored the next time you park your car.

✓ **Patented Remote Control Code Learning** — Just a few flicks of a switch lets you match up to three Clifford remote controls to the system. Just as easily, the code of a lost or stolen remote can be deleted from system memory. That means your CYBER 1 can never be controlled by someone who found or stole your remote control.

✓ **Full-Time Remote Panic:** If you feel threatened, you can remotely activate the siren and flash the parking lights with just a fingertip touch on your remote control.

✓ **Hood/Trunk Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).

✓ **High-Luminescence LED Status Indicator:** Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.



✓ **Secured Valet Mode:** Permits vehicle servicing and valet parking without relinquishing the remote control.

✓ **SmartPowerUp II:** When power to the system is disconnected, its non-volatile memory remembers the alarm's last state (armed, disarmed or valet mode). So if a thief tampers with the power, the system will automatically rearm and sound the siren the instant power is restored.

The CYBER 1 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

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MADE IN USA

CLIFFORD

World-Class Auto Security™

STATE-OF-THE-ART
VEHICLE SECURITY SYSTEM

THE CYBER 1 gives you the upper hand against car thieves. This sophisticated, yet user-friendly remote controlled vehicle security system is loaded with ingenious features unmatched by any other competitive product.

Clifford Electronics is world-renowned for its leading edge innovations in vehicle security. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability.

In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge.

Even a quick glance at the CYBER 1 Standard Features list will convince you of the outstanding security, reliability and surprisingly affordable value of this exceptional and vehicle security and convenience system.

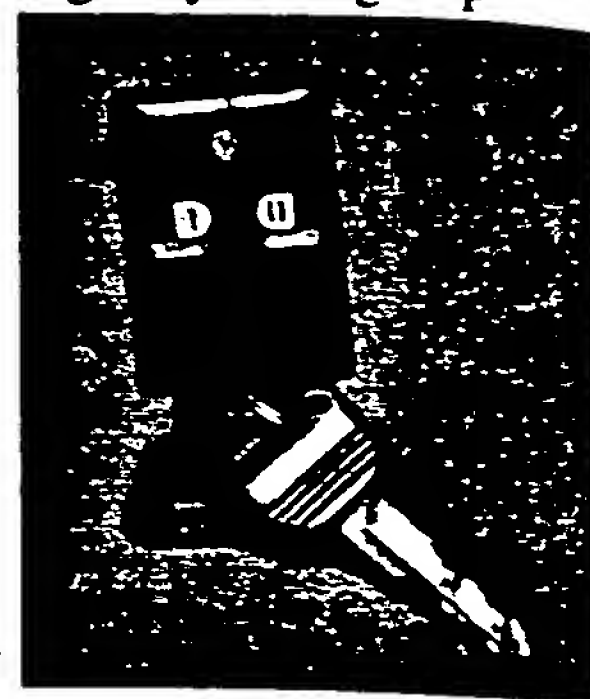
Standard Features of CYBER 1

✓ **Lifetime Warranty:** This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge. Unlike other car alarm manufacturers, Clifford Electronics never imposes warranty repair "processing fees" or "handling charges."

✓ **FACT — False Alarm Control and Test:** One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound a second time, you *will know for sure* that someone is tampering with your vehicle.

✓ **A Pair of 3-Button/3-Channel Remote Controls:** These easy-to-use remote controls give you fingertip command of CYBER 1 from up to 100 feet away.

- Remotely arm your CYBER 1 and automatically lock* all the doors.
- Remotely disarm and unlock* the doors.
- Activate the remote panic feature and simultaneously unlock* the doors if you are outside or lock* them if you are inside the vehicle.
- Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
- Control a CYBER 1 security system on your second car with the same remote!
- Remotely activate an optional accessory such as a remote trunk release, electric garage door, or even remotely start your car's engine and heater or air conditioner from inside your home or office!



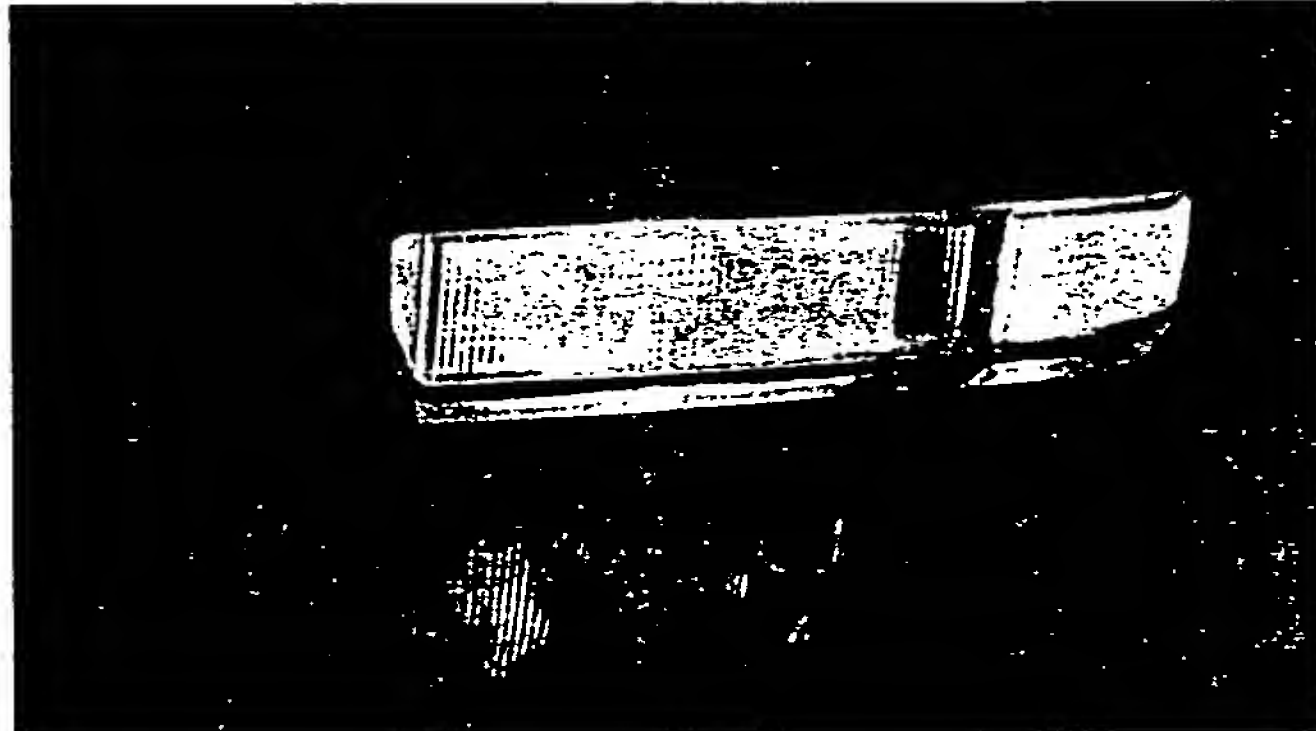
✓ **AntiScan:** Some car thieves use "scanners" that transmit one digital code after another until they hit the one code that will disarm the car alarm. But CYBER 1's AntiScan feature recognizes scanners and blocks their codes to prevent disarming by anyone other than you.

✓ **Remote Controlled Door Lock/Unlock Outputs:** *No more fumbling with keys in the dark or bad weather!* One press of a button on the remote control simultaneously arms the system *and* locks all the doors. Another press disarms *and* unlocks (some vehicles require optional door lock relays).



**Some vehicles require optional door lock relays.*

- ☑ *Remote Controlled "Chirp" Muting:* Whenever you arm or disarm with the remote control, the siren "chirps." Whenever you wish, you may silence the chirps simply by simultaneously pressing both remote control buttons. It's perfect when you need to arm or disarm at night in a quiet residential area.
- ☑ *Prior Intrusion Attempt Alert:* When you remotely disarm, CYBER 1 audibly alerts you from a distance if an intrusion attempt was foiled while you were away.



- ☑ *Parking Light Flasher:* CYBER 1 visually confirms door lock and system status from a distance.
- ☑ *Magnetic Resonance Sensor:* Converts intrusion-related vibrations and impacts into electromagnetic flux to deliver reliable electronic detection.
- ☑ *AutoTesting:* Your CYBER 1 automatically tests all system triggers and sensors every time you remotely arm. If there is a malfunction, the system will alert you of the problem with a special chirp sequence.
- ☑ *Malfunction AutoBypass:* In the unlikely event of a trigger or sensor malfunction, CYBER 1 will automatically bypass the problem and arm all other points to *continue* relentless protection of your vehicle.

- ☒ **Dual-Level Tampering Warning:** You can set your CYBER 1 to issue a rapid five-chirp warning whenever it detects any tampering. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, CYBER 1 will sound a continuous siren blast.
- ☒ **User-Selectable AutoArming:** Arms itself if you forget. This may qualify you for an insurance discount that could pay for the system (consult your insurance company).
 - *AutoArming Enable/Disable:* You may disable or re-enable AutoArming with just a few flicks of a switch.
 - *AutoArm & Lock:* You may set CYBER 1 to automatically lock the car doors every time the system AutoArms (some vehicles require optional door lock relays).
- ☒ **High-Output Siren — Loud siren wail with Clifford's Patented Automatic Noise Abatement** feature that limits alarm sounding to no more than three minutes even if a door is left open in the wake of an intrusion attempt. This ensures against battery drain or towing of your vehicle due to noise pollution. It then automatically resets and rearms all other triggers and sensors to continue to provide the utmost possible protection.
- ☒ **Fault-Proof Starter Interrupt Output —** With the addition of an optional relay, the system will electronically prevent an intruder from starting the engine while the system is armed.
- ☒ **Advanced CMOS Microprocessor —** Very large scale integration (VLSI) microprocessor monitors all system functions more than 10,000 times per second, yet draws less power than the vehicle's clock.

✓ **Dual-Level Tampering Warning:** You can set your CYBER 3 to issue a rapid five-chirp warning whenever it detects any tampering. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, your CYBER 3 will sound a continuous siren blast.

✓ **High-Output Siren:** Loud siren wail. The system automatically limits alarm sounding to no more than three minutes to ensure against battery drain or towing of your car due to noise pollution.

✓ **Patented Remote Control Code Learning:** Just a few flicks of a switch lets you match to your CYBER 3 up to four different 4-button/12-channel remote controls. Just as easily, a lost or stolen remote can be deleted from the system memory.

✓ **High-Luminescence LED Status Indicator:** Bright red LED adds visual deterrence and identifies disarmed, armed, programming and valet modes.



✓ **Hood/Trunk Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).

✓ **SmartPowerUp II:** When power to the system is disconnected, the system's non-volatile memory always remembers the alarm's last state (armed, disarmed or valet mode). So if a thief tampers with the power, the system will automatically rearm and sound the siren the instant power is restored.

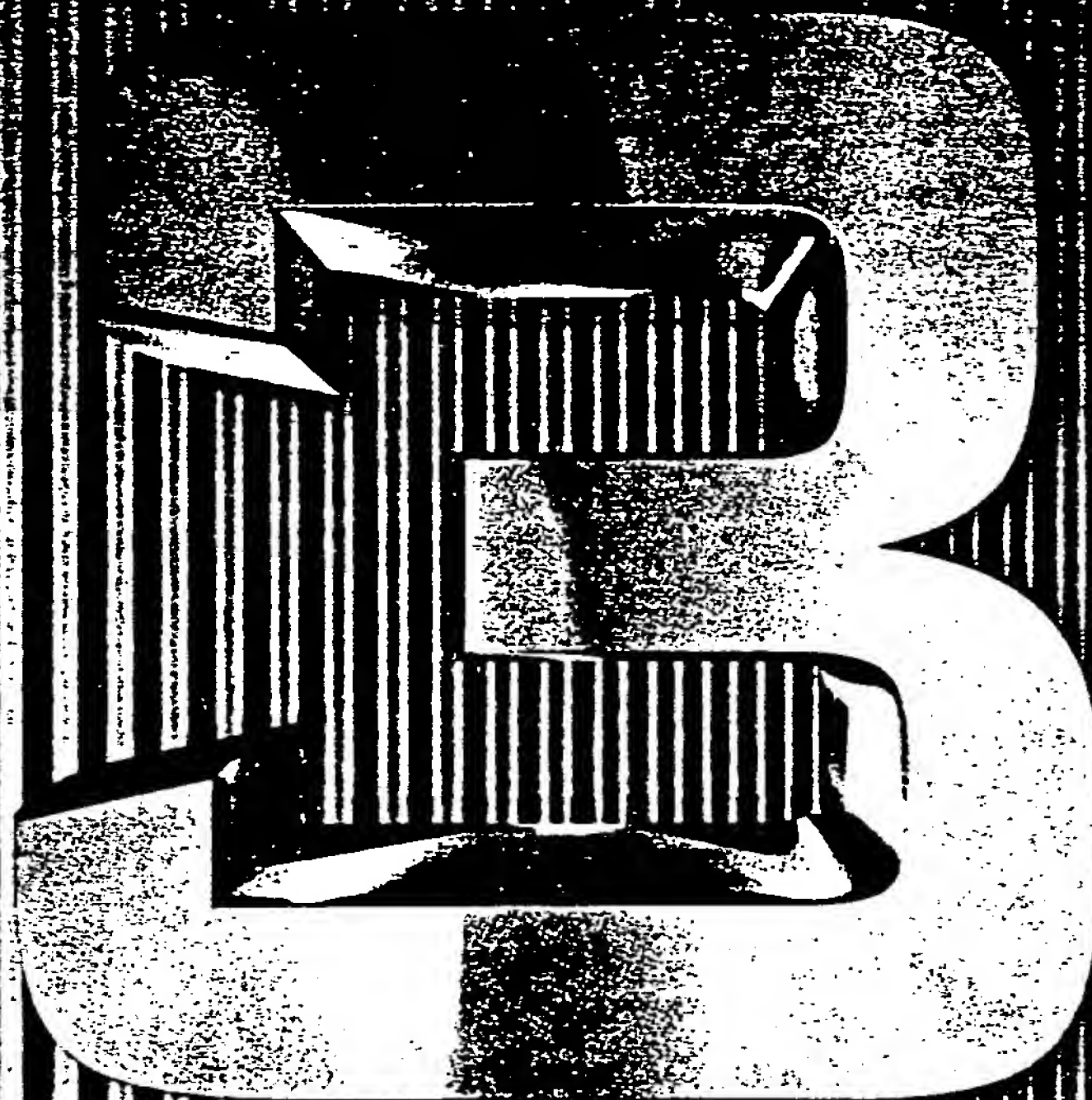
The CYBER 3 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

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CLIFFORD

World-Class Auto Security



STATE-OF-THE-ART
VEHICLE SECURITY SYSTEM
WITH ANTI-CODE GRABBING
TECHNOLOGY

THE CYBER 3 gives you the upper hand against even the most accomplished car thieves. This sophisticated, yet user-friendly remote controlled vehicle security/convenience system is loaded with ingenious features unmatched by any other competitive product.



CYBER 3 incorporates Clifford Electronics' unparalleled Anti-CodeGrabbing (ACG) technology for an impermeable defense against even the most sophisticated and well-equipped car thief. Today's most advanced car thieves are using electronic "code-grabbers" to literally record and later play back the digital code transmitted by any car alarm remote control. Fortunately, Clifford's proprietary ACG remote controls *NEVER* transmit the same code twice, making thieves' code-grabbers utterly useless against the CYBER 3.

Clifford Electronics is world-renowned for its leading edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability. In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge. We are so certain of the CYBER 3, we even back it up with a **\$3,000 AntiTheft Guarantee**.

Even a quick glance at the CYBER 3 Standard Features list will convince you of the outstanding security, reliability and lifestyle convenience benefits of this exceptional and surprisingly affordable vehicle security/convenience system.

Standard Features of CYBER 3

- ☑ **\$3,000 AntiTheft Guarantee:** If your CYBER 3 protected vehicle is stolen and not recoverable, Clifford Electronics will pay you up to **\$3,000** (see the AntiTheft guarantee card for details).
- ☑ **Lifetime Warranty:** This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge.
- ☑ **FACT — False Alarm Control and Test:** One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound a second time, you *will know for sure* that someone is tampering with your vehicle.
- ☑ **A Pair of 4-Button/12-Channel Remote Controls:** These sophisticated yet incredibly easy-to-use remote controls give you fingertip command of the system from a typical range of 100 feet.
 - Remotely arm your CYBER 3 and automatically lock all the vehicle's doors.
 - Remotely disarm and unlock the doors for you and your passengers, as well as illuminate the interior courtesy light for 30 seconds or until you start the engine, whichever occurs first.
 - Activate the remote panic feature and simultaneously unlock the doors if you are outside or lock them if you are inside the vehicle.
 - Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
 - Control CYBER-CLASS Clifford security systems on as many as nine vehicles with the same remote!
 - Remotely activate additional options, such as a remote trunk release, electric garage door operation, even remotely start your car's engine and heater or air conditioner from inside your home or office!

✓ **AntiScan:** Some car thieves use "scanners" that transmit one digital code after another until they hit the one code that will disarm the car alarm. But CYBER 3's AntiScan feature recognizes scanners and blocks their codes to prevent disarming by anyone other than you.

✓ **Anti-CodeGrabbing (ACG) with Random Code Encryption:** Today's criminals are shifting from code scanning to a new, much more efficient method of electronic thievery: "code-grabbing." When you use a car alarm remote control, it transmits a digital code to your alarm. A thief with a code-grabber can record that code right off the air from hundreds of feet away, then play it back when you're gone to disarm the alarm and unlock the doors. Within seconds, your car is just another theft statistic. Fortunately, Clifford's Anti-CodeGrabbing (ACG) randomly changes the transmitted code every time you press any of the remote control buttons. And since these codes are selected by the system's microprocessor from an electronic file containing several trillion codes, the remote control *NEVER* sends the same code twice, and the system control unit *NEVER* accepts the same code twice. That makes code-grabbing utterly useless against the CYBER 3.

✓ **Full-Time Remote Panic with Automatic Door Locking and Unlocking:** If you feel threatened, with just a single fingertip touch on your remote control, you can remotely activate the siren, flash the parking lights and unlock your vehicle's power door locks for quick entry into your car without fumbling with your keys. If you are driving the vehicle and press the panic button, the siren will sound, the lights will flash and the doors will automatically lock to shield you from the assailant.

✓ **Remote Controlled Door Locking/Unlocking:** No more fumbling with keys in the dark or bad weather! One press of a button on the remote simultaneously arms the system *and* locks the doors. Another press disarms *and* unlocks.

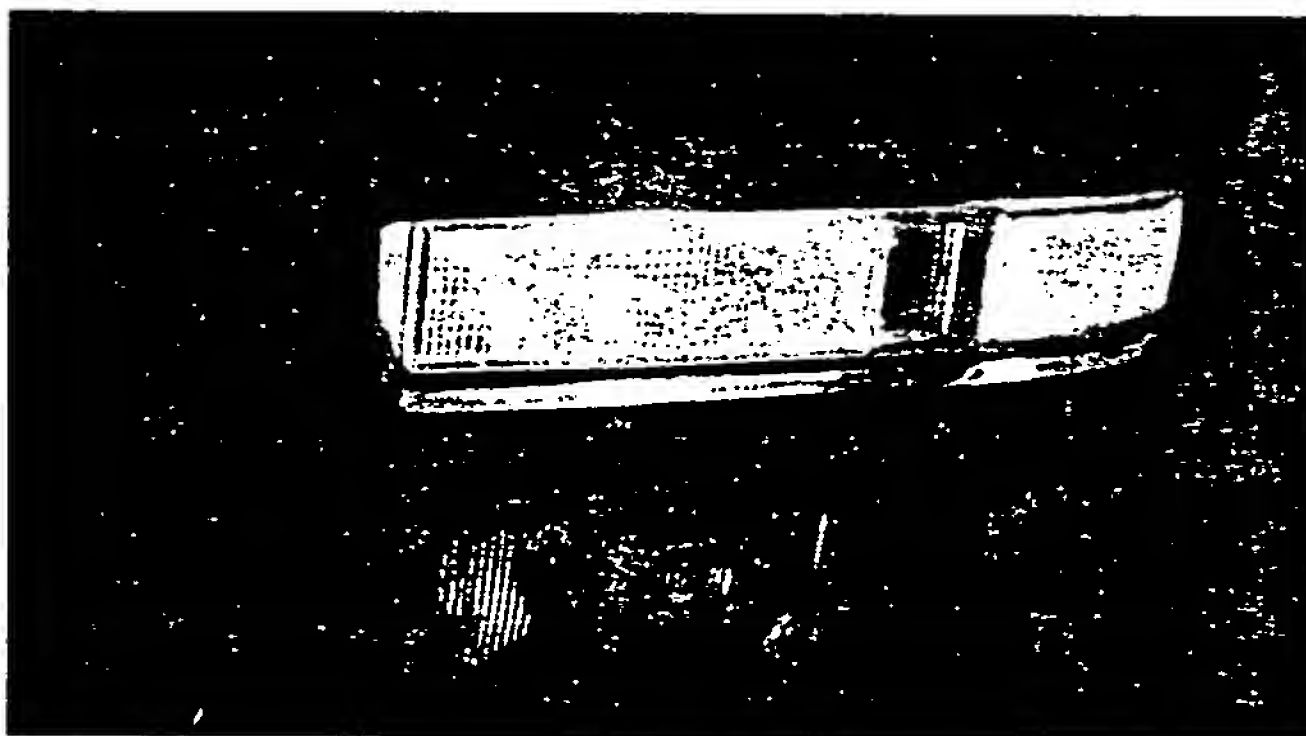
- **AutoLock/AutoUnLock:** For your safety, when you start the engine, all the doors automatically lock. The doors automatically unlock when you park your vehicle.

- **Deluxe Remote Keyless Entry in Valet Mode:** Use your remote control to lock and unlock the doors even while the system is in valet mode. The parking lights will flash twice to confirm remote locking in valet mode. If you remotely unlock in valet mode, you'll see one parking light flash and the interior courtesy light(s) will illuminate for 30 seconds or until you start the engine.



✓ **Remote Controlled Valet Mode:** Just a press of a button on your remote from as far as 100 feet away will put your CYBER 3 system in valet mode to allow vehicle servicing or attendant parking. The system visually confirms remote valet mode exit or entry with distinct parking light flashes.

✓ **Built-In Parking Light Flasher:** Visually confirms door lock and system status from a distance. Also confirms remote controlled valet mode entry and exit.



- ☑ **Smart Courtesy Lighting:** For your personal safety and convenience, when you remotely disarm your CYBER 3, the interior light(s) will turn on and stay on for 30 seconds or until you start the engine, whichever occurs first.
- ☑ **Patented Prior Intrusion Attempt Alert:** When you remotely disarm, CYBER 3 will audibly and visually alert you from a distance if an intrusion attempt was foiled while you were away.
- ☑ **Dual-Mode "Chirp" Silencing:** Whenever you arm or disarm your CYBER 3 system with the remote control, the siren "*chirps*" and the parking lights flash to confirm system status. Whenever you wish, you may silence the chirps with either of these two methods:
 - *Remote Controlled Chirp Muting:* Just a press of a button on the remote control will arm or disarm the system *silently*. It's perfect when you need to arm or disarm at night in a quiet residential area.
 - *Long-Term Chirp Silencing:* A few flicks of a switch silences the chirps until you choose to reactivate them.
- ☑ **Patented AutoTesting:** The CYBER 3 automatically tests all system triggers and sensors every time you remotely arm the system. If there is a malfunction, the system will alert you of the problem with a special chirp and flash sequence.
- ☑ **Patented Malfunction AutoBypass:** In the unlikely event of a trigger or sensor malfunction, CYBER 3 will automatically bypass the problem and arm all other points to *continue* relentless protection of your vehicle.
- ☑ **Magnetic Resonance Sensor:** Converts intrusion-related vibrations and impacts into electromagnetic flux to deliver reliable electronic detection.

- ☑ **Enhanced User-Selectable AutoArming:** Arms itself if you forget. This may qualify you for an insurance discount that could pay for the system (consult your insurance company).
 - *AutoArming Enable/Disable:* You may disable or re-enable AutoArming with just a few flicks of a switch.
 - *AutoArm & Lock:* You may set CYBER 3 to automatically lock the car doors every time the system AutoArms.
 - *Instant AutoArm Bypass:* Just a couple quick turns of the ignition switch bypasses AutoArming for one cycle — perfect when fueling the vehicle. AutoArming is automatically restored the next time you park the car.
- ☑ **Selectable Starter/Ignition Interrupt:** At the time of installation, you can select whether your CYBER 3 system will interrupt the starter line or the ignition line while armed. You may also choose fault-proof mode, which lets you start the engine even in the unlikely event of a system failure, or super-security mode that ensures a thief won't be able to start the vehicle even if he finds the system control unit and disconnects it!
- ☑ **Smart Trunk Release Capability:** An electronic interlock assures that the optional remote trunk release may be activated *only* when the alarm is disarmed.



✓ **Dual-Level Tampering Warning:** You can set the system to issue a rapid five-chirp warning whenever it detects any tampering. If there is any further tampering, or if the hood, trunk or a door is opened at any time, CYBER 5 will sound a continuous siren blast.

✓ **Smart Trunk Release Capability:** An electronic interlock assures that the optional remote trunk release may be activated *only* when the alarm is disarmed.

✓ **Control Unit with 4 Channels:** For remote system operation and remote control of accessories such as a remote trunk release, power window control, memory seat activation, headlight control, even remote engine start-up and/or other great conveniences.

✓ **Patented Remote Control Code Learning:** A few flicks of a switch lets you match CYBER 5 up to four 4-button/12-channel ACG remote controls. Just as easily, a lost or stolen remote control can be deleted from the system memory.

✓ **High-Luminescence LED Status Indicator:** Adds visual deterrence and identifies armed, disarmed, programming and valet modes.



✓ **Hood/Trunk Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).

✓ **SmartPowerUp II:** When power to the system is disconnected, its non-volatile memory always remembers the last state (armed, disarmed or valet mode) and returns to that state when power is restored. So if a thief tampers with the power, the system will automatically rearm and sound the siren the instant power is restored.

The CYBER 5 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

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91-087A/CY5B/1294

CLIFFORD

World-Class Auto Security™



STATE-OF-THE-ART
VEHICLE SECURITY SYSTEM
WITH ANTI-CODE GRABBING
TECHNOLOGY

THE CYBER 5 gives you the upper hand against even the most accomplished car thieves. This ultra-sophisticated, yet user-friendly remote controlled vehicle security/convenience system is loaded with ingenious features unmatched by any other competitive product.



CYBER 5 incorporates Clifford Electronics' unparalleled Anti-CodeGrabbing (ACG) technology for an impermeable defense against even the most sophisticated and well-equipped car thief. Today's most advanced car thieves are using electronic "code-grabbers" to literally record and later play back the digital code transmitted by any car alarm remote control. Fortunately, Clifford's proprietary ACG remote controls *NEVER* transmit the same code twice, making thieves' code-grabbers utterly useless against the CYBER 5.

Clifford Electronics is world-renowned for its leading edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability. In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge. We are so certain of the CYBER 5 system, we even back it up with a **\$3,000 AntiTheft Guarantee**.

Even a quick glance at the CYBER 5 Standard Features list will convince you of the outstanding security, reliability and lifestyle convenience benefits of this exceptional and surprisingly affordable vehicle security and convenience system.

- ☑ **\$3,000 AntiTheft Guarantee:** If your CYBER 5 protected vehicle is stolen and not recoverable, Clifford Electronics will pay you up to **\$3,000** (see the AntiTheft guarantee card for details).
- ☑ **Lifetime Warranty:** For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge.
- ☑ **FACT — False Alarm Control and Test:** One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound a second time, you *will know for sure* that someone is tampering with your vehicle.
- ☑ **A Pair of 4-Button/12-Channel Remote Controls:** These sophisticated yet incredibly easy-to-use remote controls give you fingertip command of the system from a typical range of 100 feet.
 - Remotely arm and automatically lock all the doors.
 - Remotely disarm and unlock the doors as well as illuminate the interior courtesy light for 30 seconds or until you start the engine, whichever occurs first.
 - Activate the remote panic feature and simultaneously unlock the doors if you are outside or lock them if you are inside the vehicle.
 - Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
 - Control CYBER-CLASS Clifford security systems on as many as nine vehicles with the same remote!
 - Remotely turn on the headlights for any duration you wish between one second and two minutes (may require an optional relay).
 - With the addition of a relay on certain vehicles, you can use remote control button 4 to close all the power windows and the sunroof.
 - Remotely activate options such as a remote trunk release, electric garage door operation, even remotely start your car's engine and heater/AC!

✓ **Anti-CodeGrabbing (ACG) with Random Code Encryption:** Today's criminals are shifting from code scanning to a new, much more efficient method of electronic thievery: "code-grabbing." When you use a car alarm remote control, it transmits a digital code to your alarm. A thief with a code-grabber can record that code right off the air from hundreds of feet away, then play it back when you're gone to disarm the alarm and unlock the doors. Within seconds, your car is just another theft statistic. Fortunately, Clifford's Anti-CodeGrabbing (ACG) randomly changes the transmitted code every time you press any of the remote control buttons. And since these codes are selected by the system's microprocessor from an electronic file containing several trillion codes, the remote control *NEVER* sends the same code twice, and the system control unit *NEVER* accepts the same code twice. That makes code-grabbing utterly useless against the CYBER 5.

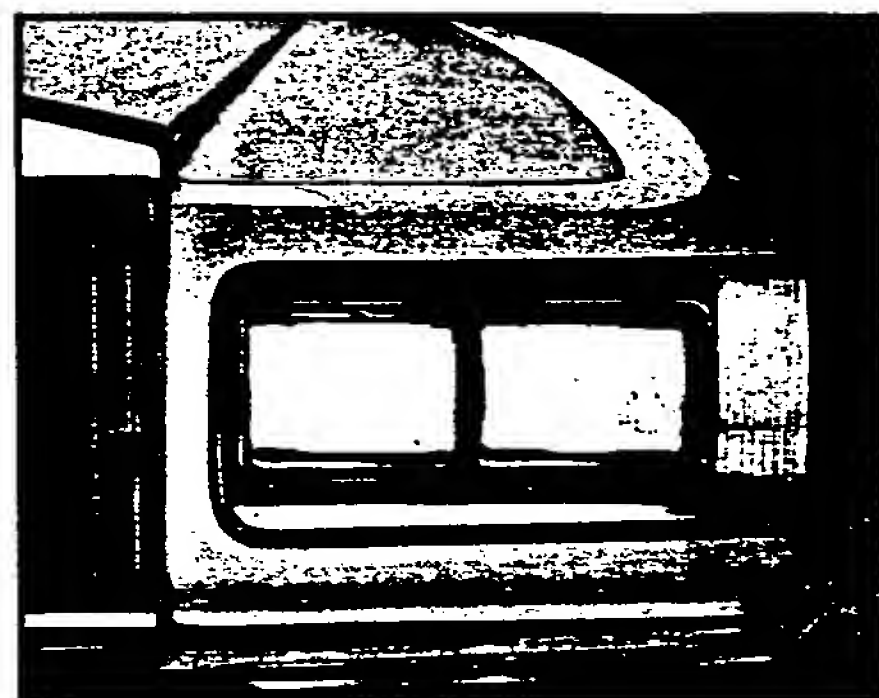
✓ **Remote Controlled Valet Mode:** Just a press of a button on your remote from as far as 100 feet away will put your CYBER 5 in valet mode to allow vehicle servicing or attendant parking. The system visually confirms remote valet mode exit or entry with distinct parking light flashes.

✓ **Remote Controlled Door Locking/Unlocking:** *No more fumbling with keys in the dark or bad weather!* One press on the remote control simultaneously arms the system *and* locks all the doors. Another press disarms *and* unlocks.

- **AutoLock/AutoUnLock:** For your safety, when you start the engine, all the vehicle's doors automatically lock. The doors will automatically unlock when you park your vehicle.
- **Deluxe Remote Keyless Entry in Valet Mode:** Use your remote control to lock and unlock the doors even while the system is in valet mode. The parking lights will flash twice to confirm remote locking in valet mode. If you remotely unlock in valet mode, you'll see one flash and the interior courtesy light will illuminate for 30 seconds or until you start the engine.

✓ **Full-Time Remote Panic with Automatic Door Locking and Unlocking:** If you feel threatened, with just a single fingertip touch on your remote control, you can remotely activate the siren, flash the parking lights and unlock your vehicle's power door locks for quick entry into your car without fumbling with your keys. If you are driving the vehicle and press the panic button, the siren will sound, the lights will flash and the doors will automatically lock to shield you from the assailant.

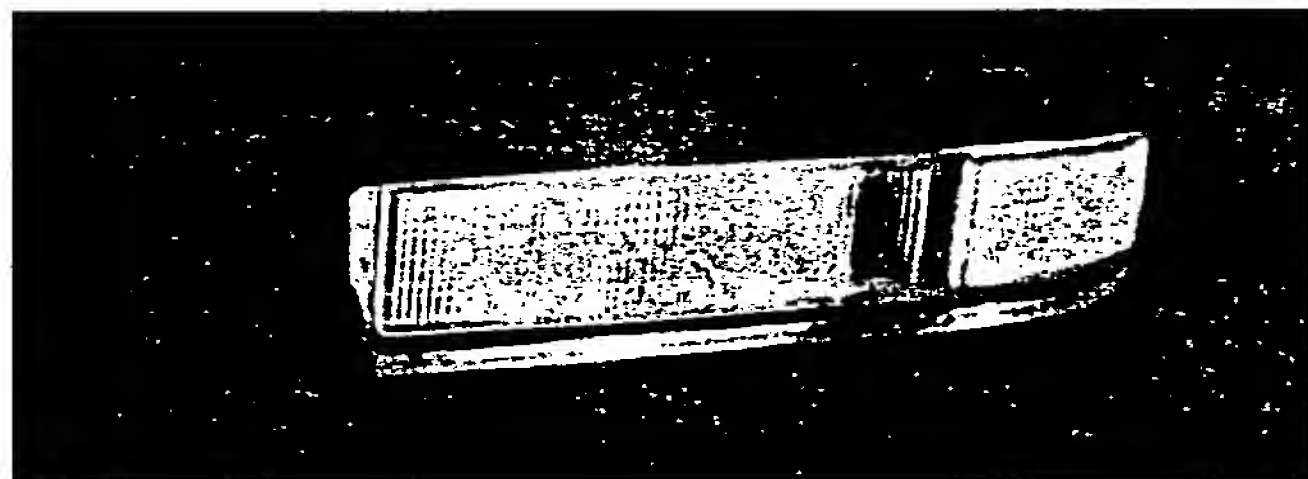
✓ **Remote Headlight Activation Capability:** Use your remote control to turn on the headlights for any duration you wish between one second and two minutes to light your way to and from your vehicle (some vehicles require an optional relay).



✓ **Headlight Reminder:** If you park and forget to turn off the headlights, your CYBER 5 reminds you to turn them off before you leave the vehicle.

✓ **Remote Window and Sunroof Closure Capability:** On several vehicles, the CYBER 5's remote controlled Integrated Timer can be used to remotely close the power windows and sunroof without the need for any optional modules.

✓ **Built-In Parking Light Flasher:** Visually confirms door lock and system status from a distance.



✓ **Dual-Sensor Protection:** You get the protection of not just one sensor, but two:

- **Proximity Sensor IV:** This unique 4th-generation microprocessor-controlled radar sensor unerringly detects any intruder who reaches into the passenger compartment. This makes it particularly well-suited to protect convertibles, sport-utility vehicles and cars with removable T-tops. What's more, it draws only half the power of other radar sensors so it won't drain your battery.
- **Magnetic Resonance Sensor:** Converts intrusion-related vibrations and impacts into electromagnetic flux to deliver reliable electronic detection.

✓ **QuietChirp™** — You may choose to lower the volume of the arm and disarm chirps to a level that is clearly audible but less obtrusive than the full-volume chirps. All it takes is a few flicks of a switch.

✓ **Smart Courtesy Lighting:** For your safety and convenience, when you remotely disarm the interior light will turn on and stay on for 30 seconds or until you start the engine, whichever occurs first.

✓ **Selectable Starter/Ignition Interrupt:** You can select whether your CYBER 5 interrupt the starter line or the ignition line while armed. You may also choose fault-proof mode, which lets you start the engine even in the unlikely event of a system failure, or super-security mode that ensures a thief won't be able to start the vehicle even if he finds the system control unit and disconnects it!

✓ **Patented Smart AutoTesting:** Your CYBER 5 automatically tests all system triggers and sensors every time you remotely arm and warns you if you accidentally arm the system with the hood or trunk open. If there is a genuine malfunction, your CYBER 5 will alert you of the problem with a special chirp and flash sequence. It will even identify the malfunction, virtually eliminating costly trouble-shooting time.

✓ **Patented Malfunction AutoBypass:** In the unlikely event of a trigger or sensor malfunction, CYBER 5 will automatically bypass the problem and arm all other points to *continue* relentless protection of your vehicle.

✓ **Dual-Mode "Chirp" Silencing:** Whenever you arm or disarm with the remote control, the siren "*chirps*" and the parking lights flash to confirm system status. Whenever you wish, you may silence the chirps with either of these two methods:

- **Remote Controlled Chirp Muting:** Just a press of a button on the remote control will arm or disarm the system *silently*. It's perfect when you need to arm or disarm at night in a quiet residential area.
- **Long-Term Chirp Silencing:** A few flicks of a switch silences the chirps until you choose to reactivate them.

✓ **Total Recall:** CYBER 5's non-volatile memory automatically stores the identity of the last trigger or sensor activated while the system was armed.

✓ **Patented Smart Prior Intrusion Attempt Alert:** When you disarm, CYBER 5 audibly and visually alerts you if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.

✓ **Enhanced User-Selectable AutoArming:** Arms itself if you forget. This may qualify you for an insurance discount that could pay for the system (consult your insurance company).

- **AutoArming Enable/Disable:** Disable or re-enable AutoArming with just a few flicks of a switch.
- **AutoArm & Lock:** You may set CYBER 5 to automatically lock the doors every time it AutoArms.
- **Instant AutoArm Bypass:** Just a couple quick turns of the ignition switch bypasses AutoArming for one cycle — perfect when fueling the vehicle. AutoArming is automatically restored the next time you park the car.

✓ **Six-Sound Siren:** Six different alarm sound patterns to draw even more attention.

- **User-Selectable Siren Duration:** You may set the siren wail for either 30 or 60 seconds.

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World-Class Auto Security

ACE



*It's like
putting a
brick wall
between your car
and car thieves*

✓ **High-Output Siren:** Loud wail.

✓ **Dual-Level Tampering Warning:** You can set your ACE 100 to issue a rapid five-chirp warning whenever it detects any tampering. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, ACE 100 will sound a continuous siren blast.

✓ **Hood/Trunk Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).

✓ **High-Luminescence LED Status Indicator:** Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.



✓ **Secured Valet Mode:** Permits vehicle servicing and valet parking without relinquishing the remote control.

✓ **SmartPowerUp II:** When power to the system is disconnected, its non-volatile memory remembers the alarm's last state (armed, disarmed or valet mode). So if a thief tampers with the power, the system will automatically rearm and sound the siren the instant power is restored.

The ACE 100 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

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91-716A/A1B/895

THE ACE 100 gives you the upper hand against car thieves. This sophisticated, yet user-friendly remote controlled vehicle security system is loaded with ingenious features unmatched by any other competitive product.

Clifford Electronics is world-renowned for its leading edge innovations in vehicle security. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability. In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge.

Even a quick glance at the ACE 100 Standard Features list will convince you of the outstanding security, reliability and surprisingly affordable value of this exceptional and vehicle security and convenience system.

Standard Features of ACE 100

✓ **Lifetime Warranty:** This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge. Unlike other car alarm manufacturers, Clifford Electronics never imposes warranty repair "processing fees" or "handling charges."

✓ **FACT — False Alarm Control and Test:** One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound a second time, you *will know for sure* that someone is tampering with your vehicle.

✓ **A Pair of 2-Button/3-Channel Remote Controls:** For fingertip command of your ACE 100 from up to 100 feet away.

- Remotely arm your ACE 100 and automatically lock* all the doors.
- Remotely disarm and unlock* the doors.
- Activate the remote panic feature and simultaneously unlock* the doors if you are outside or lock* them if you are inside the vehicle.
- Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
- Control an ACE 100 security system on your second car with the same remote!
- Remotely activate an optional accessory such as a remote trunk release, electric garage door, or even remotely start your car's engine and heater or air conditioner from inside your home or office!



✓ **AntiScan:** Some car thieves use "scanners" that transmit one digital code after another until they hit the one code that will disarm the car alarm. But ACE 100's AntiScan feature recognizes scanners and blocks their codes to prevent disarming by anyone other than you.

✓ **Remote Controlled Door Lock/Unlock Outputs:** No more fumbling with keys in the dark or bad weather! One press of a button on the remote control simultaneously arms the system *and* locks all the doors. Another press disarms *and* unlocks (some vehicles require optional door lock relays).



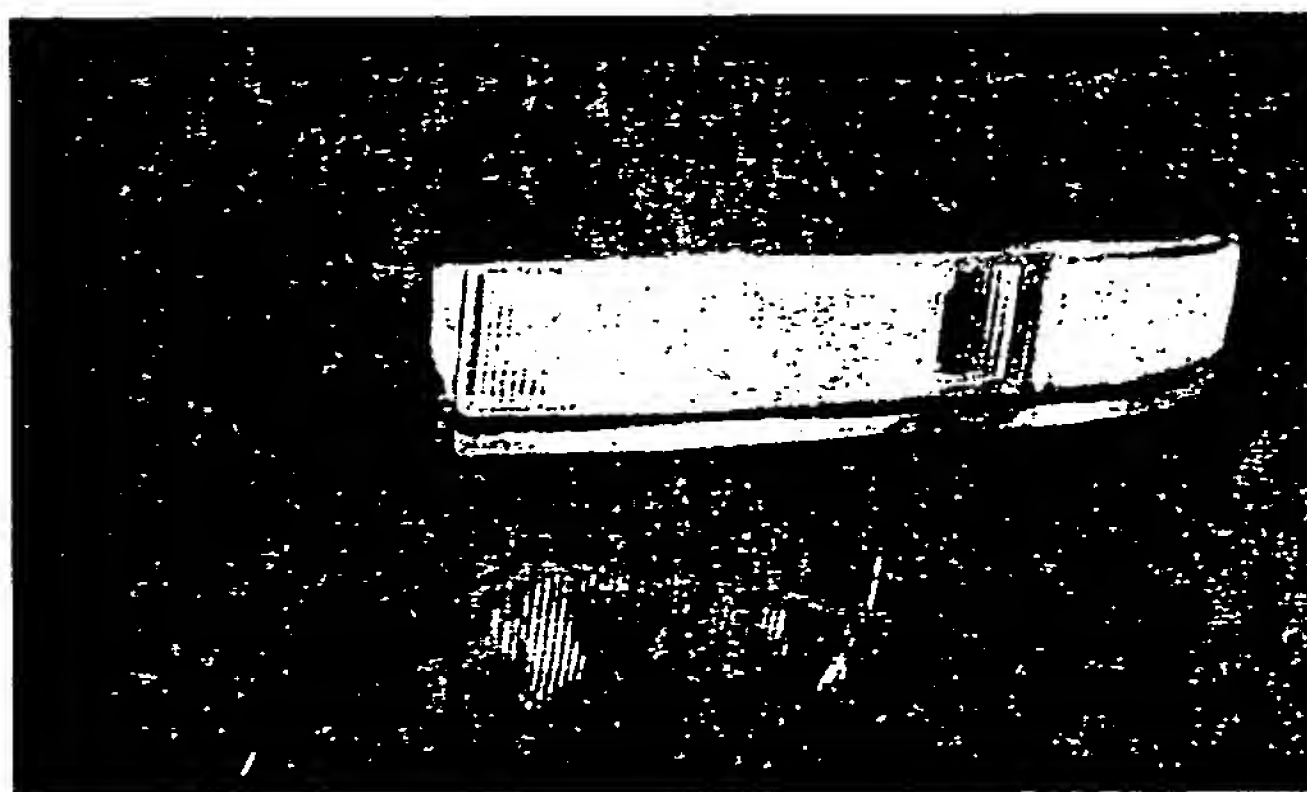
* Some vehicles require optional door lock relays.

- ☒ **Magnetic Resonance Sensor™:** Converts intrusion-related vibrations and impacts into electromagnetic flux to deliver reliable electronic detection.
 - ☒ **AutoTesting:** Your ACE 100 automatically tests all system triggers and sensors every time you remotely arm. If there is a malfunction, the system will alert you of the problem with a special chirp sequence.
 - ☒ **Malfunction AutoBypass:** In the unlikely event of a trigger or sensor malfunction, the ACE 100 will automatically bypass the problem and arm all other points to *continue* relentless protection of your vehicle.
 - ☒ **Prior Intrusion Attempt Alert:** When you remotely disarm, ACE 100 audibly alerts you from a distance if an intrusion attempt was foiled while you were away.
 - ☒ **User-Selectable AutoArming:** Arms itself if you forget. This may qualify you for an insurance discount that could pay for the system (consult your insurance company).
 - **AutoArming Enable/Disable:** You may disable or re-enable AutoArming with just a few flicks of a switch.
 - **AutoArm & Lock:** You may set ACE 100 to automatically lock the car doors every time the system AutoArms (some vehicles require optional door lock relays).
 - ☒ **Full-Time Remote Panic:** If you feel threatened, you can remotely activate the siren and flash the parking lights with just a fingertip touch on your remote control.
-

☒ **Patented Remote Control Code Learning:** A few flicks of a switch lets you match to your ACE 100 up to four 2-button/3-channel remote controls. Just as easily, a lost or stolen remote control can be deleted from the system memory. That means your ACE 100 system can never be controlled by someone who found or stole your missing remote control.

☒ **Fail-Proof Starter Interrupt Output:** With an optional relay, this feature prevents an intruder from starting your vehicle's engine, but allows you to start it even in the unlikely event of a full system failure.

☒ **Remote Controlled "Chirp" Muting:** Whenever you arm or disarm your ACE 100 with the remote control, the system confirms arming and disarming with siren "chirps." Whenever you wish, you may silence the chirps simply by simultaneously pressing both of the buttons on the remote control. It's perfect when you need to arm or disarm the system late at night in a quiet residential area.



☒ **Parking Light Flasher:** The ACE 100 visually confirms door lock and system status from a distance.

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World-Class Auto Security



*It's like
putting a
brick wall
between your car
and car thieves*

✓ **Dual-Level Tampering Warning:** You can set your ACE 300 to issue a rapid five-chirp warning whenever it detects any tampering. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, your ACE 300 will sound a continuous siren blast.

✓ **High-Output Siren:** Loud siren wail. The system automatically limits alarm sounding to no more than three minutes to ensure against battery drain or towing of your car due to noise pollution.

✓ **Patented Remote Control Code Learning:** Just a few flicks of a switch lets you match to your ACE 300 up to four different 4-button/12-channel remote controls. Just as easily, a lost or stolen remote can be deleted from the system memory.

✓ **High-Luminescence LED Status Indicator:** Bright red LED adds visual deterrence and identifies disarmed, armed, programming and valet modes.



✓ **Hood/Trunk Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).

✓ **SmartPowerUp II:** When power to the system is disconnected, the system's non-volatile memory always remembers the alarm's last state (armed, disarmed or valet mode). So if a thief tampers with the power, the system will automatically rearm and sound the siren the instant power is restored.

The ACE 300 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

THE ACE 300 gives you the upper hand against even the most accomplished car thieves. This sophisticated, yet user-friendly remote controlled vehicle security/convenience system is loaded with ingenious features unmatched by any other competitive product.



ACE 300 incorporates Clifford Electronics' unparalleled Anti-CodeGrabbing (ACG) technology for an impermeable defense against even the most sophisticated and well-equipped car thief. Today's most advanced car thieves are using electronic "code-grabbers" to literally record and later play back the digital code transmitted by any car alarm remote control. Fortunately, Clifford's proprietary ACG remote controls *NEVER* transmit the same code twice, making thieves' code-grabbers utterly useless against the ACE 300.

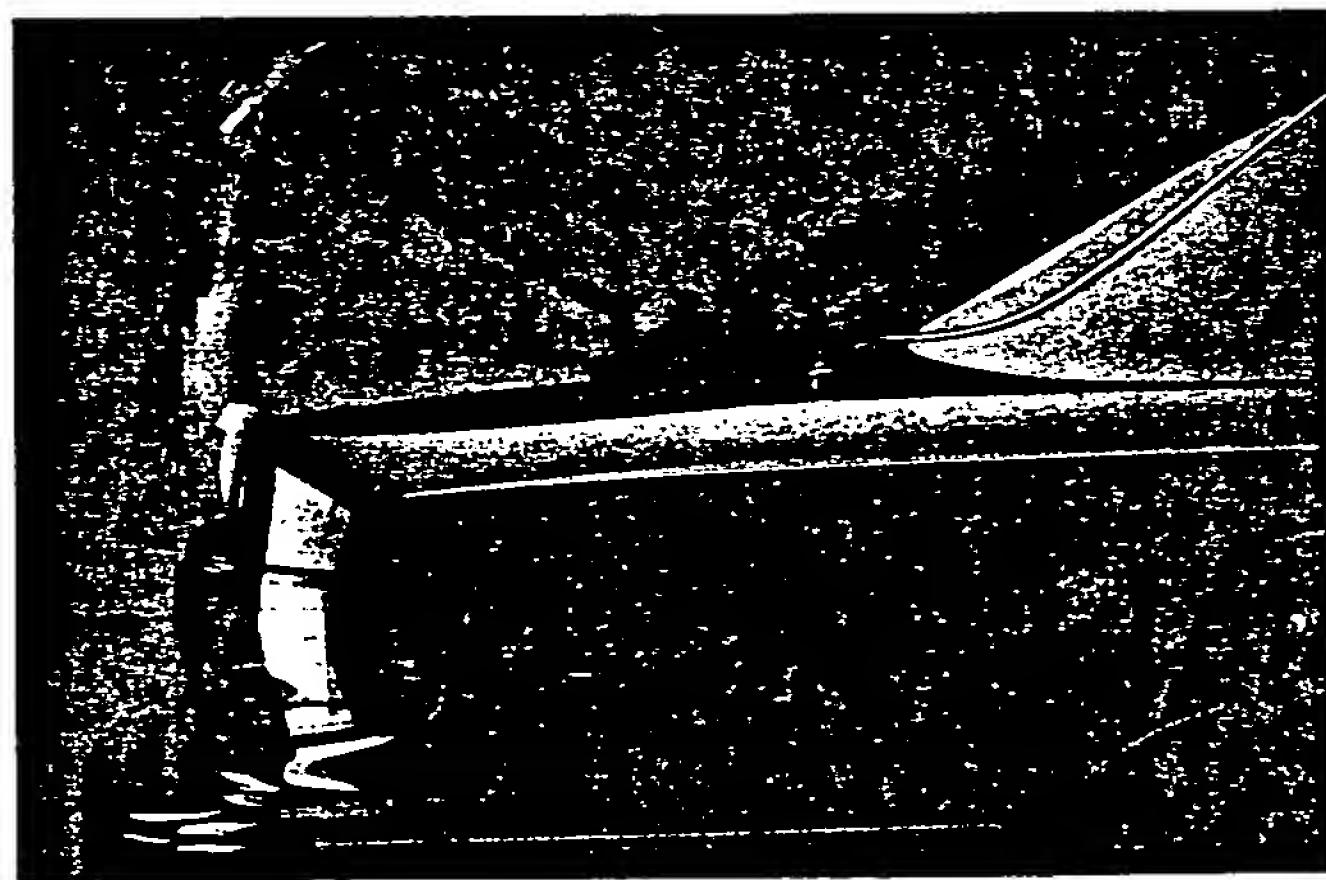
Clifford Electronics is world-renowned for its leading edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability. In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge. We are so certain of the ACE 300, we even back it up with a **\$3,000 AntiTheft Guarantee**.

Even a quick glance at the ACE 300 Standard Features list will convince you of the outstanding security, reliability and lifestyle convenience benefits of this exceptional and surprisingly affordable vehicle security/convenience system.

- ✓ **\$3,000 AntiTheft Guarantee:** If your ACE 300 protected vehicle is stolen and not recoverable, Clifford Electronics will pay you up to **\$3,000** (see the AntiTheft guarantee card for details).
- ✓ **Lifetime Warranty:** This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge.
- ✓ **FACT — False Alarm Control and Test:** One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound a second time, you *will know for sure* that someone is tampering with your vehicle.
- ✓ **A Pair of 4-Button/12-Channel Remote Controls:** These sophisticated yet incredibly easy-to-use remote controls give you fingertip command of the system from a typical range of 100 feet.
 - Remotely arm your ACE 300 and automatically lock all the vehicle's doors.
 - Remotely disarm and unlock the doors for you and your passengers, as well as illuminate the interior courtesy light for 30 seconds or until you start the engine, whichever occurs first.
 - Activate the remote panic feature and simultaneously unlock the doors if you are outside or lock them if you are inside the vehicle.
 - Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
 - Control ACE-CLASS Clifford security systems on as many as nine vehicles with the same remote!
 - Remotely activate additional options, such as a remote trunk release, electric garage door operation, even remotely start your car's engine and heater or air conditioner from inside your home or office!

- ☑ **Selectable Starter/Ignition Interrupt:** At the time of installation, you can select either fault-proof mode, which lets you start the engine even in the unlikely event of a system failure, or Clifford's super-security mode that ensures a thief won't be able to start the vehicle even if were to find the system control unit and disconnect it!
- ☑ **Smart Courtesy Lighting:** When you remotely disarm your ACE 300, the interior light(s) will turn on and stay on for 30 seconds or until you start the engine, whichever occurs first.
- ☑ **Patented Smart Prior Intrusion Attempt Alert:** When you remotely disarm, your ACE 300 audibly and visually alerts you from a distance if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.
- ☑ **Dual-Mode "Chirp" Silencing:** Whenever you arm or disarm your ACE 300 with the remote, the siren "chirps." Whenever you wish, you may silence the chirps with either of these two methods:
 - *Remote Controlled Chirp Muting:* Just a press of a button on the remote control will arm or disarm the system *silently*. It's perfect when you need to arm or disarm at night in a quiet residential area.
 - *Long-Term Chirp Silencing:* A few flicks of a switch silences the chirps until you choose to reactivate them.
- ☑ **Patented Smart AutoTesting:** The ACE 300 automatically tests all system triggers and sensors every time you remotely arm the system. If there is a malfunction, the system will alert you of the problem with a special chirp and flash sequence and will even identify the malfunction, virtually eliminating costly trouble-shooting time.
- ☑ **Magnetic Resonance Sensor™:** Converts intrusion-related vibrations and impacts into electromagnetic flux to deliver reliable electronic detection.

- ☑ **Patented Malfunction AutoBypass:** In the unlikely event of a trigger or sensor malfunction, the ACE 300 will automatically bypass the problem and arm all other points to *continue* relentless protection of your vehicle.
- ☑ **TotalRecall:** ACE 300's non-volatile memory automatically stores the identity of the last trigger or sensor activated while the system was armed.
- ☑ **Enhanced User-Selectable AutoArming:** Arms itself if you forget. This may qualify you for an insurance discount that could pay for the system (consult your insurance company).
 - *AutoArming Enable/Disable:* You may disable or re-enable AutoArming with just a few flicks of a switch.
 - *AutoArm & Lock:* You may set your ACE 300 to automatically lock the car doors every time the system AutoArms.
 - *Instant AutoArm Bypass:* Just a couple quick turns of the ignition switch bypasses AutoArming for one cycle — perfect when fueling the vehicle. AutoArming is automatically restored the next time you park the car.
- ☑ **Smart Trunk Release Capability:** An electronic interlock assures that the optional remote trunk release may be activated *only* when the alarm is disarmed.



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World-Class Auto Security

✓ **Dual-Level Tampering Warning:** You can set the system to issue a rapid five-chirp warning whenever it detects any tampering. If there is any further tampering, or if the hood, trunk or a door is opened at any time, ACE 500 will sound a continuous siren blast.

✓ **Smart Trunk Release Capability:** An electronic interlock assures that the optional remote trunk release may be activated *only* when the alarm is disarmed.

✓ **Control Unit with 4 Channels:** For remote system operation and remote control of accessories such as a remote trunk release, power window control, memory seat activation, headlight control, even remote engine start-up and/or other great conveniences.

✓ **Patented Remote Control Code Learning:** A few flicks of a switch lets you match ACE 500 up to four 4-button/12-channel ACG remote controls. Just as easily, a lost or stolen remote control can be ~~deleted~~ from the system memory.

✓ **High-Luminescence LED Status Indicator:** Adds visual deterrence and identifies armed, disarmed, programming and valet modes.



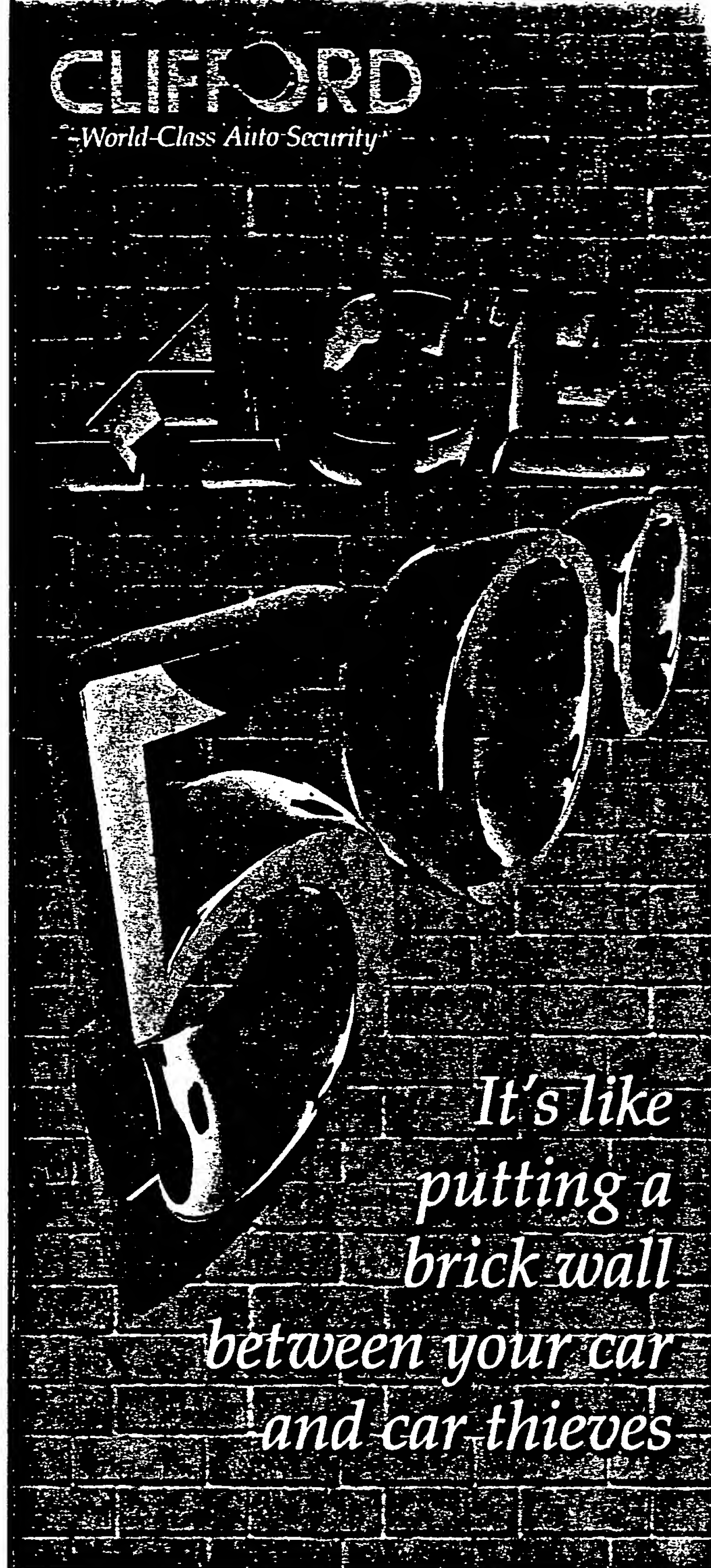
✓ **Hood/Trunk Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).

✓ **SmartPowerUp II:** When power to the system is disconnected, its non-volatile memory always remembers the last state (armed, disarmed or valet mode) and returns to that state when power is restored. So if a thief tampers with the power, the system will automatically rearm and sound the siren the instant power is restored.

The ACE 500 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

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91-718A/A5B/895



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THE ACE 500 gives you the upper hand against even the most accomplished car thieves. This ultra-sophisticated, yet user-friendly remote controlled vehicle security/convenience system is loaded with ingenious features unmatched by any other competitive product.



ACE 500 incorporates Clifford Electronics' unparalleled Anti-CodeGrabbing (ACG) technology for an impermeable defense against even the most sophisticated and well-equipped car thief. Today's most advanced car thieves are using electronic "code-grabbers" to literally record and later play back the digital code transmitted by any car alarm remote control. Fortunately, Clifford's proprietary ACG remote controls *NEVER* transmit the same code twice, making thieves' code-grabbers utterly useless against the ACE 500.

Clifford Electronics is world-renowned for its leading edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability. In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge. We are so certain of the ACE 500 system, we even back it up with a **\$3,000 AntiTheft Guarantee**.

Even a quick glance at the ACE 500 Standard Features list will convince you of the outstanding security, reliability and lifestyle convenience benefits of this exceptional and surprisingly affordable vehicle security and convenience system.

ACE 500 Standard Features

- ☑ **\$3,000 AntiTheft Guarantee:** If your ACE 500 protected vehicle is stolen and not recoverable, Clifford Electronics will pay you up to **\$3,000** (see the AntiTheft guarantee card for details).
- ☑ **Lifetime Warranty:** For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge.
- ☑ **FACT — False Alarm Control and Test:** One of many patented Clifford innovations, FACT ***absolutely, positively puts an end to recurring false alarms***. Should the alarm sound a second time, you ***will know for sure*** that someone is tampering with your vehicle.
- ☑ **A Pair of 4-Button/12-Channel Remote Controls:** These sophisticated yet incredibly easy-to-use remote controls give you fingertip command of the system from a typical range of 100 feet.
 - Remotely arm and automatically lock all the doors.
 - Remotely disarm and unlock the doors as well as illuminate the interior courtesy light for 30 seconds or until you start the engine, whichever occurs first.
 - Activate the remote panic feature and simultaneously unlock the doors if you are outside or lock them if you are inside the vehicle.
 - Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
 - Control ACE-CLASS Clifford security systems on as many as nine vehicles with the same remote!
 - Remotely turn on the headlights for any duration you wish between one second and two minutes (may require an optional relay).
 - With the addition of a relay on certain vehicles, you can use remote control button 4 to close all the power windows and the sunroof.
 - Remotely activate options such as a remote trunk release, electric garage door operation, even remotely start your car's engine and heater/AC!

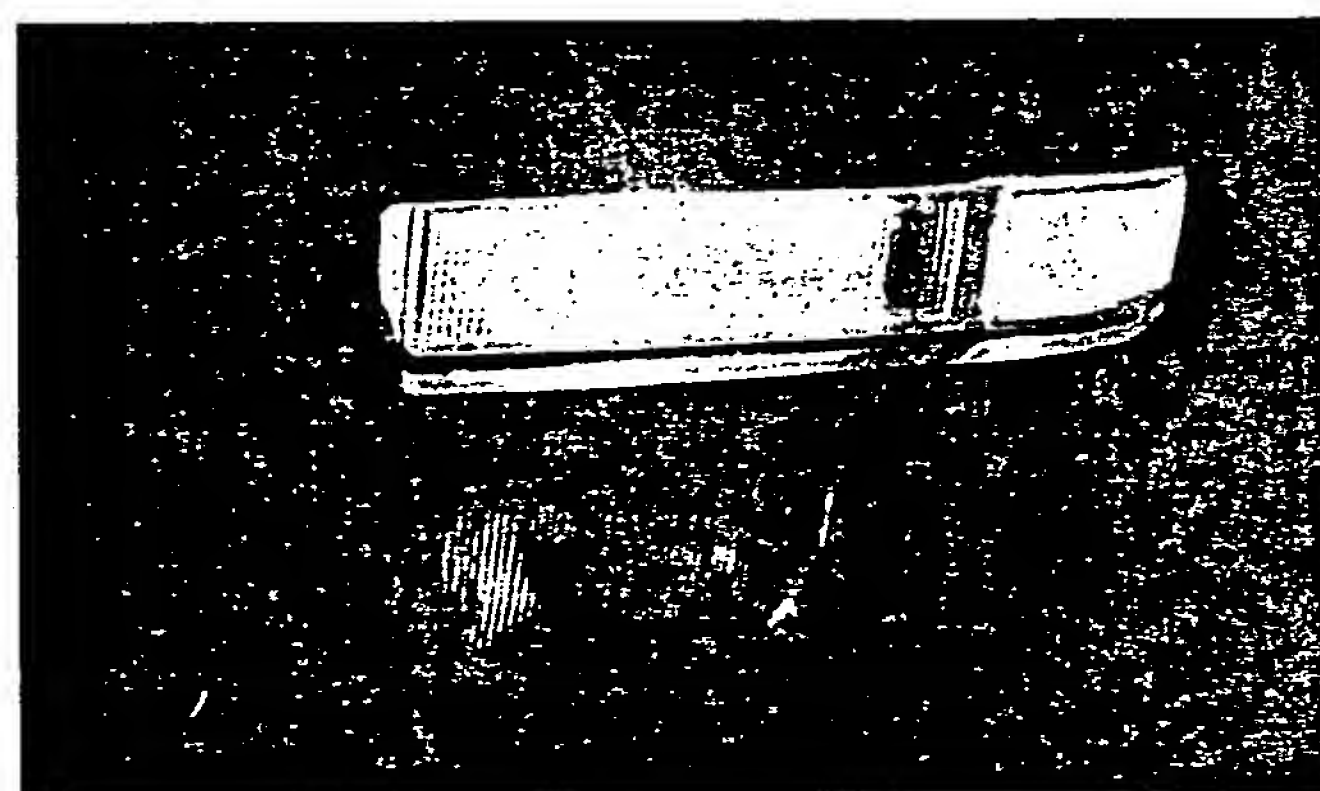
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- ✓ **Anti-CodeGrabbing (ACG) with Random Code Encryption:** Today's criminals are shifting from code scanning to a new, much more efficient method of electronic thievery: "code-grabbing." When you use a car alarm remote control, it transmits a digital code to your alarm. A thief with a code-grabber can record that code right off the air from hundreds of feet away, then play it back when you're gone to disarm the alarm and unlock the doors. Within seconds, your car is just another theft statistic. Fortunately, Clifford's Anti-CodeGrabbing (ACG) randomly changes the transmitted code every time you press any of the remote control buttons. And since these codes are selected by the system's microprocessor from an electronic file containing several trillion codes, the remote control *NEVER* sends the same code twice, and the system control unit *NEVER* accepts the same code twice. That makes code-grabbing utterly useless against the ACE 300.
- ✓ **Full-Time Remote Panic with Automatic Door Locking and Unlocking:** If you feel threatened, with just a single fingertip touch on your remote control, you can remotely activate the siren, flash the parking lights and unlock your vehicle's power door locks for quick entry into your car without fumbling with your keys. If you are driving the vehicle and press the panic button, the siren will sound, the lights will flash and the doors will automatically lock to shield you from the assailant.

- ✓ **Remote Controlled Door Locking/Unlocking:** No more fumbling with keys in the dark or bad weather! One press of a button on the remote simultaneously arms the system *and* locks the doors. Another press disarms *and* unlocks.

- **AutoLock/AutoUnLock:** For your safety, when you start the engine, all the doors automatically lock. The doors automatically unlock when you park your vehicle.
- **Deluxe Remote Keyless Entry in Valet Mode:** Use your remote control to lock and unlock the doors even while the system is in valet mode. The parking lights will flash twice to confirm remote locking in valet mode. If you remotely unlock in valet mode, you'll see one parking light flash and the interior courtesy light(s) will illuminate for 30 seconds or until you start the engine.



- ✓ **Remote Controlled Valet Mode:** Just a press of a button on your remote from as far as 100 feet away will put your ACE 300 system in valet mode to allow vehicle servicing or attendant parking. The system visually confirms remote valet mode exit or entry with distinct parking light flashes.
- ✓ **Built-In Parking Light Flasher:** Visually confirms door lock and system status from a distance. Also confirms remote controlled valet mode entry and exit.



✓ **Anti-CodeGrabbing (ACG) with Random Code Encryption:** Today's criminals are shifting from code scanning to a new, much more efficient method of electronic thievery: "code-grabbing." When you use a car alarm remote control, it transmits a digital code to your alarm. A thief with a code-grabber can record that code right off the air from hundreds of feet away, then play it back when you're gone to disarm the alarm and unlock the doors. Within seconds, your car is just another theft statistic. Fortunately, Clifford's Anti-CodeGrabbing (ACG) randomly changes the transmitted code every time you press any of the remote control buttons. And since these codes are selected by the system's microprocessor from an electronic file containing several trillion codes, the remote control *NEVER* sends the same code twice, and the system control unit *NEVER* accepts the same code twice. That makes code-grabbing utterly useless against the ACE 500.

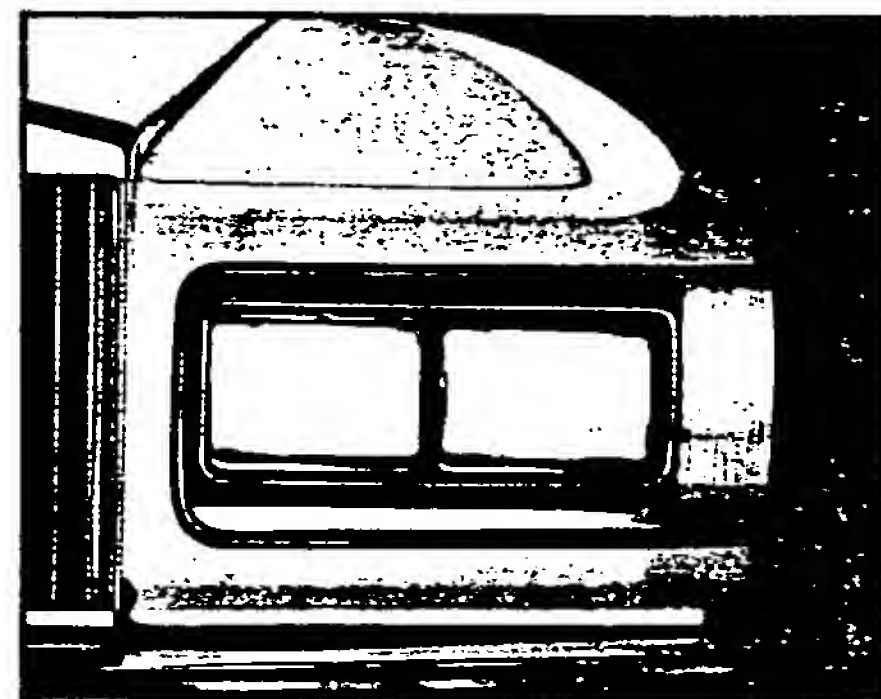
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- **Deluxe Remote Keyless Entry in Valet Mode:** Use your remote control to lock and unlock the doors even while the system is in valet mode. The parking lights will flash twice to confirm remote locking in valet mode. If you remotely unlock in valet mode, you'll see one flash and the interior courtesy light will illuminate for 30 seconds or until you start the engine.

✓ **Full-Time Remote Panic with Automatic Door Locking and Unlocking:** If you feel threatened, with just a single fingertip touch on your remote control, you can remotely activate the siren, flash the parking lights and unlock your vehicle's power door locks for quick entry into your car without fumbling with your keys. If you are driving the vehicle and press the panic button, the siren will sound, the lights will flash and the doors will automatically lock to shield you from the assailant.

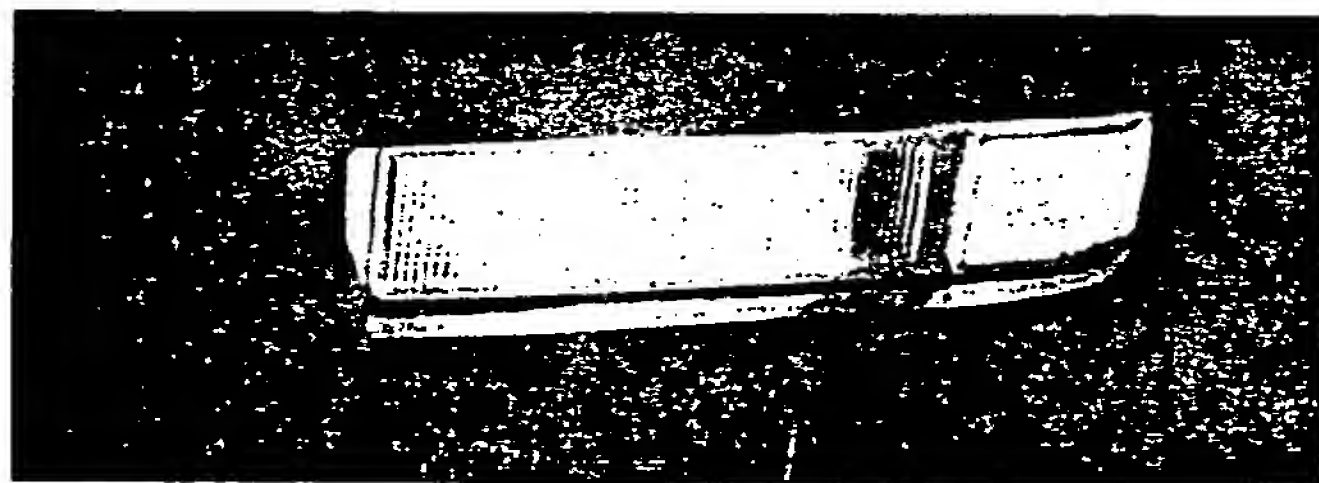
✓ **Remote Headlight Activation Capability:** Use your remote control to turn on the headlights for any duration you wish between one second and two minutes to light your way to and from your vehicle (some vehicles require an optional relay).



✓ **Headlight Reminder:** If you park and forget to turn off the headlights, your ACE 500 reminds you to turn them off before you leave the vehicle.

✓ **Remote Window and Sunroof Closure Capability:** On several vehicles, the ACE 500's remote controlled Integrated Timer can be used to remotely close the power windows and sunroof without the need for any optional modules.

✓ **Built-In Parking Light Flasher:** Visually confirms door lock and system status from a distance.



- ☑ **Dual-Sensor Protection:** You get the protection of not just one sensor, but two:
- *Proximity Sensor:* This microprocessor-controlled radar sensor unerringly detects any intruder who reaches into the passenger compartment. This makes it particularly well-suited to protect convertibles, sport-utility vehicles and cars with removable T-tops.
 - *Magnetic Resonance Sensor:* Converts intrusion-related vibrations and impacts into electromagnetic flux to deliver reliable electronic detection.

☑ **QuietChirp™** — You may choose to lower the volume of the arm and disarm chirps to a level that is clearly audible but less obtrusive than the full-volume chirps. All it takes is a few flicks of a switch.

☑ **Smart Courtesy Lighting:** For your safety and convenience, when you remotely disarm the interior light will turn on and stay on for 30 seconds or until you start the engine, whichever occurs first.

☑ **Selectable Starter/Ignition Interrupt:** You can select whether your ACE 500 interrupt the starter line or the ignition line while armed. You may also choose fault-proof mode, which lets you start the engine even in the unlikely event of a system failure, or super-security mode that ensures a thief won't be able to start the vehicle even if he finds the system control unit and disconnects it!

☑ **Patented Smart AutoTesting:** Your ACE 500 automatically tests all system triggers and sensors every time you remotely arm and warns you if you accidentally arm the system with the hood or trunk open. If there is a genuine malfunction, your ACE 500 will alert you of the problem with a special chirp and flash sequence. It will even identify the malfunction, virtually eliminating costly trouble-shooting time.

☑ **TotalRecall:** The ACE 500's non-volatile memory automatically stores the identity of the last trigger or sensor activated while the system was armed.

☑ **Patented Malfunction AutoBypass:** In the unlikely event of a trigger or sensor malfunction, your ACE 500 will automatically bypass the problem and arm all other points to *continue* relentless protection of your vehicle.

☑ **Dual-Mode "Chirp" Silencing:** Whenever you arm or disarm your ACE 500 with the remote control, the siren "*chirps*" and the parking lights flash to confirm system status. Whenever you wish, you may silence the chirps with either of these two methods:

- *Remote Controlled Chirp Muting:* Just a press of a button on the remote control will arm or disarm the system *silently*. It's perfect when you need to arm or disarm at night in a quiet residential area.
- *Long-Term Chirp Silencing:* A few flicks of a switch silences the chirps until you choose to reactivate them.

☑ **Patented Smart Prior Intrusion Attempt Alert:** When you disarm, your ACE 500 audibly and visually alerts you if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.

☑ **Enhanced User-Selectable AutoArming:** Arms itself if you forget. This may qualify you for an insurance discount that could pay for the system (consult your insurance company).

- *AutoArming Enable/Disable:* You may disable or re-enable the AutoArming feature with just a few flicks of a switch.
- *AutoArm & Lock:* You may set your ACE 500 to automatically lock the doors every time it AutoArms.
- *Instant AutoArm Bypass:* Just a couple quick turns of the vehicle's ignition switch bypasses AutoArming for one cycle — perfect when fueling the vehicle. AutoArming is automatically restored the next time you park your car.

☑ **Six-Sound Siren:** Six different alarm sound patterns to draw even more attention.

- *User-Selectable Siren Duration:* You may set the siren wail for either 30 or 60 seconds.

☒ **AutoArming™:** Your XL500 arms itself so you forget. This may qualify you for an insurance discount that may pay for the system (ask your insurance company).

• **AutoArming Enable/Disable:** Whenever you wish, you may deactivate or reactivate AutoArming with just a few flicks of a switch.

• **AutoArm & Lock™:** Allows you to choose whether XL500 will automatically lock the vehicle doors when the system passively arms.

☒ **High-Output Siren:** Loud siren that automatically limits alarm sounding to no more than three minutes. This ensures against battery drain or towing of your vehicle due to noise pollution.

☒ **Full-Time Remote Panic:** For safety, you can remotely activate the siren and optional flashing parking lights from a distance or even while driving.

☒ **Channel 2 Output for an Optional Accessory:** Allows you to remotely command an optional accessory such as a remote trunk release, remote controlled windows, remote controlled power memory seats, even remote engine starting.

☒ **Magnetic Resonance Sensor™:** Converts vibrations caused by intrusion attempts into electromagnetic flux to deliver reliable electronic detection and wider-perimeter protection than other brands of alarm sensors.

☒ **Full-Proof Starter Interrupt Output:** With the addition of an optional relay, XL500 prevents an intruder from starting the engine, but allows you to start it even in the event of a full system failure.

☒ **High-Luminance LED Status Indicator:** Bright red LED adds visual deterrence and identifies system status.

☒ **Engine Compartment Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).

☒ **User-Friendly Programming:** All it takes is a few flicks of a switch to tailor any or all of XL500's programmable features to your preferences.

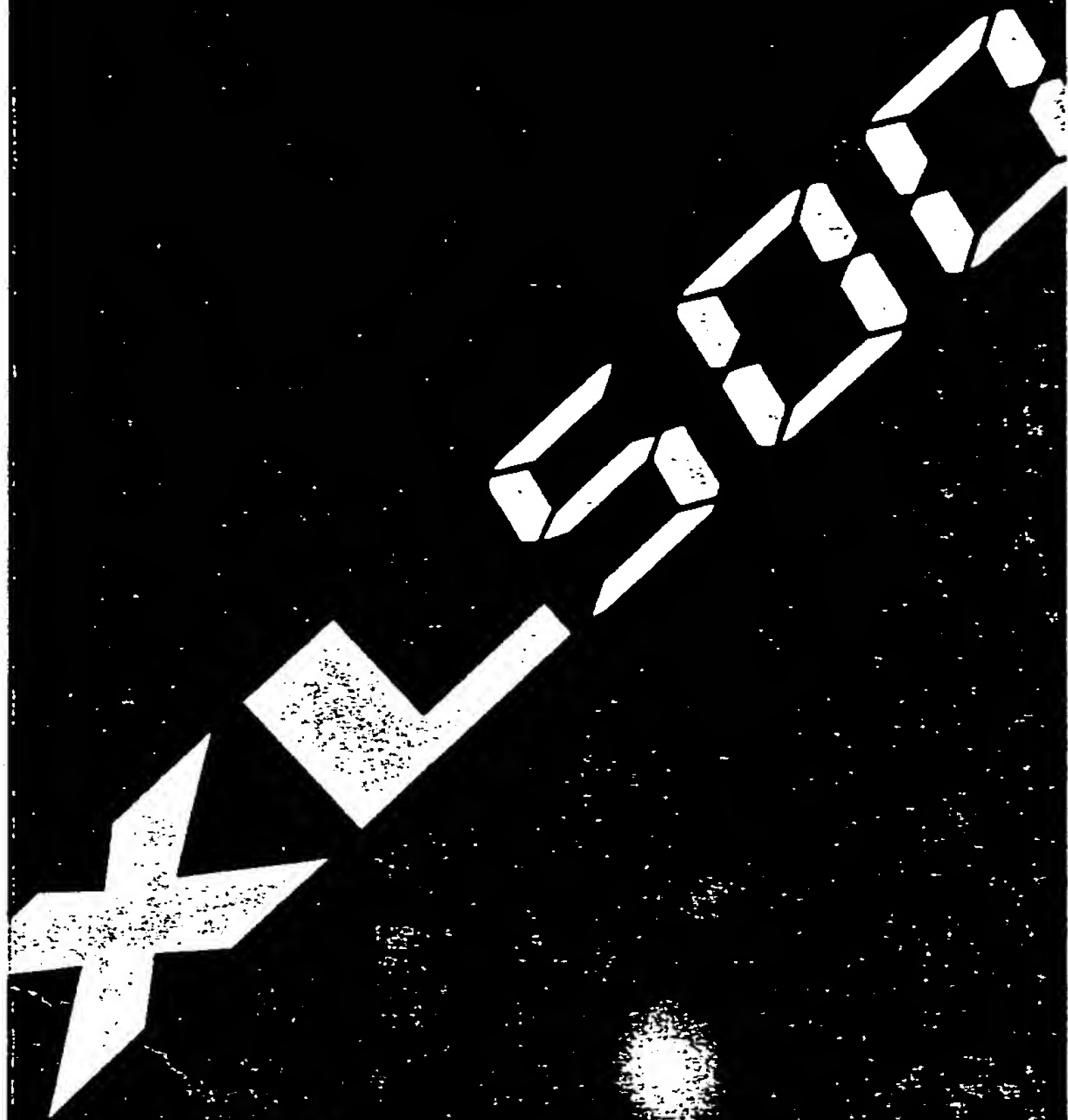
☒ **Secured Valet Mode:** Permits vehicle servicing and valet parking without relinquishing your remote.

The XL500 is covered by the following Clifford Electronics patents: 3,337,371; 4,233,342; 4,327,444; 4,353,242; 4,430,655; 4,645,464; 4,770,664; 4,890,108; 4,922,224; 4,997,053; 5,081,657; 5,146,215; 5,157,375; and other patents pending.

91-077A/XL5B

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Premier Vehicle Security System



With Clifford's Renowned

F A C T
False Alarm Control & Test
The False Alarm Cure

CLIFFORD ELECTRONICS delivers a security value and performance by integrating high-technology, state-of-the-art, microprocessor circuitry and high-volume productivity to produce exceptional vehicle security systems that are as easy to use as they are affordable. No one, but no one, offers better systems at a more competitive price. And nowhere is that more evident than in Clifford's new **XL500**.

XL500 gives you the upper hand against car thieves. This user-friendly, microprocessor-controlled security/convenience system is loaded with ingenious features to foil car thieves and enhance the everyday interaction with your vehicle. From its pair of 2-button/3-channel keychain remote controls to its many user-programmable features, XL500 delivers incredible value. Prove it to yourself. Compare all these XL500 standard features to those of any other car alarm in its price class:

XL500 Standard Features

✓ **Lifetime Warranty:** Your XL500 system control unit and remote controls are covered for as long as you own the car. Unlike other alarm manufacturers, we never impose "processing fees" or "handling charges."

✓ **FACT™—False Alarm Control and Test:** One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. If an improperly adjusted sensor causes the alarm to sound, the system will check for another activated trigger before sounding the siren a second time. Should the alarm sound again *you will know for sure* that someone is tampering with your vehicle.

✓ **A Pair of 2-Button/3-Channel Remote Controls:** You'll have fingertip command of your XL500 from up to 100 feet away. A press of a button is all it takes to:

- ✓ Arm your XL500 and automatically lock all the car's doors (may require optional relays).
- ✓ Disarm and automatically unlock the vehicle's doors.
- ✓ Activate the remote panic feature from either inside or outside the car, or even while driving.
- ✓ Silently arm or disarm without the usual siren chirps.
- ✓ Control a Clifford system on your second car with the same remote control.
- ✓ Activate an option such as: remote trunk release, remote power window roll-up, control of your electric garage door, or even remotely start your car's engine and heater or air conditioner!

✓ **Patented Remote Control Code Learning:** Just a few flicks of a switch lets you match up to two different Clifford remote controls to your XL500. Just as easily, the code of a lost or stolen remote can be permanently deleted from the system memory.

✓ **Multiple-Car Control!** With the same remote control, you can command up to two of your vehicles.

✓ **AntiScan™:** Thieves use "scanners" to defeat ordinary car alarms, but XL500's AntiScan recognizes scanners and blocks their codes to prevent disarming of your XL500 by anyone but *you*.

✓ **Remote Controlled Chirp Muting:** When you arm or disarm your XL500 system with its remote control, the siren will "chirp" and the parking lights will flash (requires an optional relay) to confirm system status. Whenever you wish, you may mute the chirps on the go from outside your car without any pre-planning! Just a press on both buttons of the remote control will arm and disarm the system silently. It's perfect when you need to arm or disarm at night in a quiet residential area.

✓ **Remote Door Lock/Unlock Outputs:** No more fumbling with keys in the dark or bad weather! A fingertip press of a button on the XL500 remote control simultaneously arms your system and locks all the doors. Another press disarms and unlocks the doors for you and your passengers (some vehicles require optional relays).

✓ **Parking Light Flasher Output:** With the addition of an optional relay, your XL500 will visually confirm alarm status from a distance and will repeatedly flash the parking lights when the alarm sounds.

✓ **Patented AutoTesting™:** The Clifford XL500 automatically tests all triggers and sensors every time you remotely arm and warns you if you accidentally arm the system with the hood or trunk open. If there is a *genuine* trigger or sensor malfunction, your XL500 will alert you of the problem with a special chirp sequence.

✓ **Patented Malfunction AutoBypass™:** In the unlikely event of a trigger or sensor malfunction, your XL500 will automatically bypass it and arm all other points to continue relentless protection of your vehicle.

✓ **Patented Prior Intrusion Attempt Alert:** When you remotely disarm, your XL500 audibly alerts you — from a distance — if an intrusion attempt was foiled while you were away.

☑ **Control Unit with 4 Channels** — For remote system operation and remote controlled optional accessories such as remote controlled trunk release, power window control, memory seat activation, headlight control, even remote engine starting and/or other great conveniences.

☑ **High-Output Insignia™ Siren** — A loud yet compact siren designed exclusively by Clifford Electronics for far superior performance, features, reliability and even aesthetics to all other manufacturers' look-alike, sound-alike sirens.

- **User-Selectable Siren Duration** — You may set the siren wail for either 30 or 60 seconds.
- **Patented Automatic Noise Abatement** — The SE 4000 siren electronics limit alarm sounding to five siren duration cycles even if a door is left open in the wake of an intrusion attempt. This ensures against car battery drain or towing of your vehicle due to noise pollution.

☑ **Full-Time Remote Panic Feature™** — If you feel threatened at any time, you can remotely activate the siren and flashing parking lights from inside or outside the vehicle regardless of system status.

☑ **Magnetic Resonance Sensor™** — Converts the vibrations generated by intrusion attempts into electromagnetic flux to deliver reliable electronic detection.

☑ **High-Luminescence LED Status Indicator** — Bright red LED adds visual deterrence and identifies the system status: armed, disarmed, Smart AutoTesting, Smart Prior Intrusion Attempt Alert, TotalRecall, programming and valet modes.

☑ **Hood/Trunk Trigger Inputs** — Allows for full protection of the engine compartment and trunk contents (may require optional pin switches).

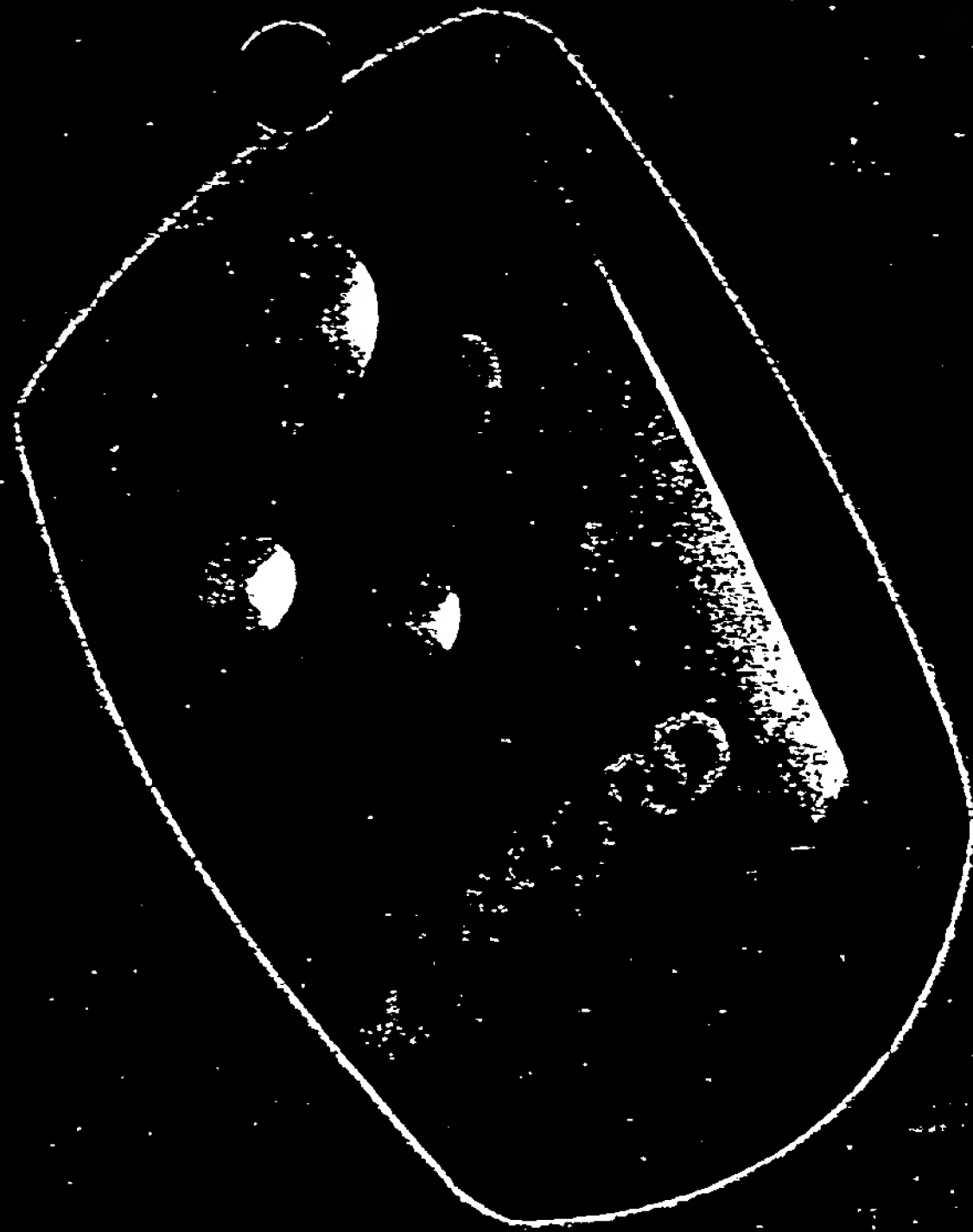
☑ **Patented SmartPowerUp™** — Sounds the high-output Insignia siren and flashes the parking lights if power is removed and then restored in a theft attempt, but permits authorized power reconnection.

☑ **User-Friendly Programming** — All it takes is a few flicks of the PlainView switch on your vehicle's console to tailor any or all of the SE 4000 programmable features to your preferences. Clear, audible signals confirm each feature setting.

The Special Edition SE 4000 vehicle security system is covered by one or more of the following Clifford Electronics patents:
4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064;
4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375
and other patents pending

91-055A/SE4B

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*Your most important
new car option*

**SPECIAL EDITION
SE 4000**

*vehicle security
for the new millenium
from*

CLIFFORD
WORLD-CLASS AUTO SECURITY™

CLIFFORD ELECTRONICS' hallmark is technological innovation, reliability and quality of product and service. The Special Edition SE 4000 epitomizes those hallmarks to deliver features and benefits that provide unexcelled lifestyle-enhancing convenience and protect your new vehicle in ways no other car alarm can.

Yet despite the breadth of these stunning capabilities, you will find that the Special Edition SE 4000 is wonderfully user-friendly — never more difficult than pressing a button on the miniature keychain remote control.

Features and benefits of the SE 4000

- ☑ **\$3,000 AntiTheft Guarantee** — If your SE 4000 protected vehicle is stolen and not recovered, Clifford Electronics will pay you up to \$3,000 (see the \$3,000 guarantee card for complete details).
- ☑ **Lifetime Warranty** — This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford will repair or replace the control unit and remote controls free of charge and, unlike other alarm manufacturers, Clifford never imposes "processing fees" or "handling charges."
- ☑ **Anti-CodeGrabbing™ (ACG) with Random Code Encryption** — Today's criminals are getting smarter. They've abandoned code scanning in favor of a new, much more effective, faster and simpler method of electronic thievery — "code-grabbing." A code-grabber is an electronic device made of parts available at any electronics shop. With it, anyone can simply "grab" off the air the digital code transmitted by your car alarm remote control, record it and retransmit it at will. When you arm or disarm your alarm, the thief's code-grabber records your remote control's code from up to several hundred feet away. When you're gone, he simply plays it back and gets your car. A code-grabber will duplicate any remote control code, even if it has billions or trillions of codes. *Every other car alarm brand on the market today can be deactivated that easily.* But not the Clifford SE 4000. Clifford Electronics' proprietary Anti-CodeGrabbing (ACG™) uses complex digital signal processing and unbreachable encryption to *randomly* change the digital code each time you use the remote control. The same code will **NEVER** be retransmitted. Thus the code played back by the thief's code grabber will **NEVER** be accepted by your SE 4000 system. **Only ACG can make a car alarm impervious to code-grabbing, and only Clifford systems have ACG.**

☑ **A Pair of 4-Button/12-Channel Remote Controls** — This sophisticated yet incredibly easy-to-use keychain remote control gives you fingertip command of up to 12 different functions from up to 100 feet away.

- Arm your SE 4000 and automatically lock all the doors with one press of a button on your remote control.
- When you disarm the system, the doors automatically unlock and the interior courtesy lights turn on for 30 seconds or until you start the engine.
- Activate the remote panic feature from either inside or outside the vehicle.
- Silently arm or disarm the system without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
- Control other Clifford ACG systems on as many as *seven* of your other cars with the same remote control!

Activate any or all of the following remote controlled options:

- Remotely pop the trunk: a useful feature when you have an armload of packages or groceries.
 - Automatically close the vehicle's power windows or remotely open them, fully or just a crack.
 - The optional RAMS (Remotely Activated Memory Seat) module automatically adjusts your vehicle's power memory seat and mirror positions to your preference every time you remotely disarm — a useful option if other people occasionally drive your car.
 - Individually open or close your electric garage door(s) and/or security gates with a press of a button on your SE 4000 remote control.
 - With Clifford's IntelliStart™ you can even remotely start your car's engine, heater, defroster or air conditioner from inside your home or office — perfect for those frigid winter mornings and blistering summer days.
- ☑ **FACT™—False Alarm Control and Test** — One of many patented Clifford innovations, FACT **absolutely, positively puts an end to recurring false alarms.** If an improperly adjusted sensor causes the alarm to sound, the system will check for another activated trigger before sounding the siren a second time. Should the alarm sound again ***you will know for sure*** that someone is tampering with your vehicle.
- ☑ **AntiScan™** — Some car thieves still use electronic "scanners" that rapidly transmit one digital code after another until they hit the one remote control code that disarms the alarm. But SE 4000's AntiScan feature recognizes scanners and blocks their codes to prevent disarming by anyone other than you.

- ☑ **UltraSecure Coded Valet Mode** — All other alarm brands use a so-called “*hidden*” valet switch that any thief can find within seconds and use to immediately turn off the alarm. UltraSecure Coded Valet Mode provides unbreachable code security that no criminal can overcome and that no other alarm offers. This remarkable security is achieved with a *patent-pending PlainView™ Coded Valet/Program Switch* — an attractive console mounted switch that’s easy to use and allows you to set your own personal code. No thief can breach the exclusive security of Clifford’s coded valet switch even if he tries entering codes at random. Why? Because after three incorrect codes are entered, the system will ignore any more code entry attempts for the next few minutes . . . even if the thief were to actually stumble onto your secret code!
- ☑ **Dual-Mode “Chirp” Silencing** — Whenever you remotely arm or disarm, the siren “*chirps*” and the parking lights flash to confirm system status. Whenever you wish, you may silence the chirps with either of these two methods:

 - *Remote Controlled Chirp Muting* — Button 3 on the remote control will arm and disarm the system silently. It’s perfect when parking at night in a quiet residential area.
 - *Long-Term Chirp Silencing* — A few flicks of a switch silences the chirps until you choose to reactivate them.
- ☑ **Remote Controlled Courtesy Lighting** — When you remotely disarm, the interior lights turn on until you start the engine or 30 seconds, whichever occurs first.
- ☑ **Built-In Parking Light Flasher** — Visually confirms alarm status from a distance.
- ☑ **Remote Door Locking/Unlocking** — *No more fumbling with keys in the dark or bad weather!* A press of a button on the remote control simultaneously arms your system *and* locks all the doors. Another press disarms *and* unlocks.
- ☑ **User-Selectable AutoLock™/AutoUnlock™** — For your safety and that of your passengers, when you begin driving, all doors automatically lock. Conversely, the doors will automatically unlock when you park your vehicle.
- ☑ **Deluxe Remote Keyless Entry in Valet Mode** — You can remotely lock/unlock the doors even while the system is in valet mode. When you do so, the parking lights will flash for visual confirmation. For your safety and convenience, when you remotely unlock, the interior lights will turn on for either 30 seconds or until you start the engine.

- ✓ **Patented Remote Control Code Learning** — A few flicks of a switch lets you match up to near different 12-channel Clifford remote controls. Just as easily, the code of a lost or stolen remote control can be permanently deleted.
- ✓ **Patented Smart AutoTesting™** — Tests all triggers and sensors every time you remotely arm and will specifically identify any problem, eliminating costly trouble-shooting.
- ✓ **Patented Malfunction AutoBypass™** — If Smart AutoTesting detects any problem, the system will automatically bypass the malfunction and arm all other points to *continue* relentless protection of your vehicle.
- ✓ **TotalRecall™** — The system's non-volatile memory stores the identity of the last trigger or sensor activated even if power is removed to provide an invaluable diagnostic means.
- ✓ **Patented Smart Prior Intrusion Attempt Alert** — When you remotely disarm, you will be audibly and visually alerted — from a distance — if an intrusion attempt was foiled while you were away. The SE 4000 even identifies the specific trigger or sensor that detected the attempt.
- ✓ **Enhanced AutoArming™** — The system arms itself "passively" if you forget. This feature may qualify you for an insurance discount (consult your insurance company).
 - *AutoArming Enable/Disable* — You may disable or re-enable the AutoArming feature at will.
 - *AutoArm & Lock™* — You may set your SE 4000 system to automatically lock the doors every time it AutoArms.
 - *Visual Confirmation* — The parking lights flash twice to confirm initiation of the AutoArming countdown.
 - *Instant AutoArming Bypass™* — If AutoArming is on, you may want to temporarily turn it off while fueling the vehicle. A quick turn "on" and "off" of the ignition switch will temporarily bypass AutoArming to ensure that the system won't arm itself. AutoArming is automatically restored when you next start the engine.
- ✓ **Advanced CMOS Microcomputer** — Very large scale integration (VLSI) microprocessor commands and monitors all functions of your SE 4000 system at the incredible rate of more than 1,000,000 times per second, yet it draws less power than the vehicle's clock.
- ✓ **FaultProof Starter Interrupt™** — Prevents an intruder from starting your vehicle's engine, but allows you to start it even in the unlikely event of a full system failure (when other brands of alarms malfunction, they may leave you stranded).

- ☑ **Magnetic Resonance Sensor™**—1st second system sensor reliably detects vibrations caused by forced entry or attempts to tow the vehicle.
- ☑ **Full-Time Remote Panic Feature™**—For your personal safety, you can remotely activate the siren and flashing parking lights from a distance or even while driving.
- ☑ **Secured Valet Mode**—Permits vehicle servicing and valet parking without relinquishing the remote control.

Clifford Electronics is continually improving its products. As such, some features noted may be changed or enhanced.

Optional Accessories

- **Sense & Tell™** — Voice synthesis accessory that verbally wards off thieves before they can even touch your vehicle and sounds the alarm if the warnings are not heeded. With XL1000's optional 4-button/4-channel remote control, you may remotely turn the exterior warnings on and off at will. Also provides user-selectable "Armed" and "Disarmed" announcements instead of the usual siren chirps.
- **NightVision™** — Automated headlights and courtesy lights plus remote controlled headlight activation. You'll never touch your vehicle's headlight switch again.
- **SmartWindows™ II** — Gives you complete remote control of your vehicle's power windows/sunroof.
- **IntelliStart™** — Remotely start your vehicle's engine and heater, defroster or air conditioner with a mere press of a button on your XL1000 remote control.
- **Remote Trunk/Hood Release**—Open your vehicle's hood or trunk with just a press on your remote control's button.
- **Garage Door Programmable Receiver** — Separately command 1 - 3 electric garage doors and/or electric gates with your XL1000 remote control.
- **Remote Tamper-Proof HoodLock** — Independently locks the hood so no thief can open it even if he gets inside your car.
- **Self-Powered Siren™** — Keeps on wailing even if all the wires are cut! Comes with two security override keys.

Premier Vehicle Security System



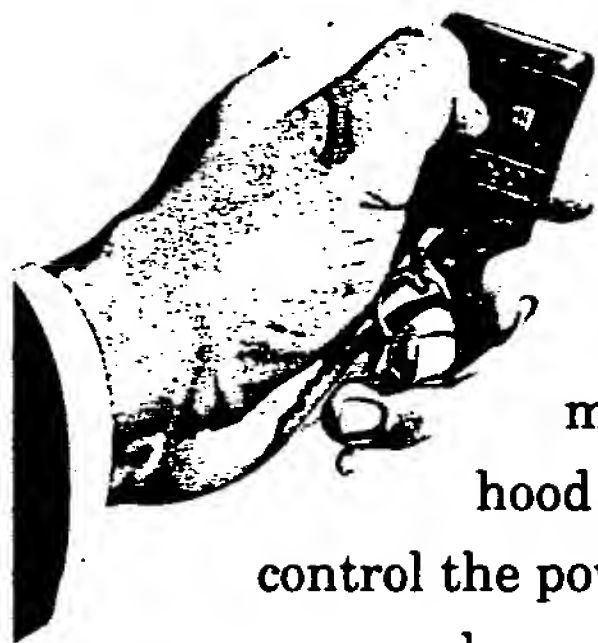
With Clifford's Renowned



THE XL1000™ gives you the upper hand even against accomplished car thieves. This user-friendly, microprocessor-controlled security/convenience system is loaded with ingenious features unmatched by any other competitive product.

The system's microprocessor gives you wonderfully effortless control over any aspect of your system with a mere press of a button on the miniature keychain remote control.

The XL1000's keychain 2-button/3-channel digital remote controls let you to easily and remotely command not only the many security features, but



also the parking lights, interior lights and power door locks. What's more, with optional Clifford accessories, the same miniature marvel can release the trunk and hood latches, activate the headlights, control the power windows, open and close your garage doors, remotely adjust the memory seats, control Clifford systems on your other vehicles, even start the engine and heater, defroster or air conditioner.

Clifford Electronics is world-renowned for its leading-edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology, the best in proven reliability, and, as such, we can also offer the best in warranty protection: Your XL1000 is covered not just for a year or two, but for as long as you own your vehicle. And if your XL1000-equipped car is stolen within a year of installation, ***we will pay you up to \$3,000!***

Standard Features

- ☑ **FACT™—False Alarm Control and Test**—One of many patented Clifford innovations, FACT ***absolutely, positively puts an end to recurring false alarms.*** You ***will know for sure*** if someone is tampering with your vehicle.
- ☑ **\$3,000 Theft Protection Guarantee**—If your XL1000-protected vehicle is stolen and unrecoverable within a year of installation, Clifford Electronics will pay up to \$3,000 of your insurance deductible (see guarantee card for details).
- ☑ **Lifetime Warranty**—For as long as you own the vehicle, Clifford will repair or replace the control unit and remote controls free of charge.
- ☑ **A Pair of 2-Button/3-Channel Remote Controls**—With more than ***4.3 billion digital codes***, the XL1000 is virtually impervious to the digital code "scanners" used by thieves. Even with the most sophisticated scanner, it would take a thief more than ***19 years*** to decipher the code.
 - **Button I** will arm, disarm, lock and unlock the doors, and, in an emergency, "*panic*" the system.
 - **Button II** activates options such as a remote trunk release, remote window and sunroof control, your electric garage doors, a Clifford system on your second car or even remotely start your vehicle's engine, heater, defroster or air conditioner.
 - **Press both buttons** to silently arm or disarm the system without the usual siren "*chirps*."
- ☑ **MultiRemote™ Recognition**—Just a few flicks of a switch lets you match to your XL1000 up to four Clifford remote controls regardless of type, code or number of channels. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **Multiple-Car Control**—With the same remote control, you can command a Clifford system on your second vehicle.
- ☑ **AntiScan™**—Professional thieves may defeat car alarms with code-generating "*scanners*" that rapidly transmit one remote control code after another. XL1000's AntiScan recognizes scanners and blocks their codes to prevent disarming of your vehicle security system by anyone but ***you***.

☒ **Smart AutoTesting™**—Every time you remotely arm your XL1000, it instantly and automatically performs comprehensive testing of all triggers and sensors. If a malfunction is found, the system will audibly and visually alert you and specifically identify the malfunction, virtually eliminating costly trouble-shooting time.

☒ **Malfunction AutoBypass™**—In the unlikely event of a trigger/sensor malfunction, XL1000 will automatically bypass it and arm all other points to continue relentless protection of your vehicle.

☒ **Triple-Mode "Chirp" Silencing**—Whenever you arm or disarm with the remote control, the siren will audibly "*chirp*" and the parking lights will flash to confirm system status. Whenever you wish, you may silence the chirps with any of these three methods:

- **Long-Term Chirp Silencing**—A few flicks of a switch will silence the chirps until you reactivate them.
- **One-Cycle Chirp Muting**—When parking in a quiet residential area, a quick flick of the car's ignition switch will mute the chirps for one arm-and-disarm cycle, after which the chirps are automatically restored.
- **Remote Controlled Chirp Muting**—You can even mute the chirps on the go from outside the car without any pre-planning! Just a press on both remote control buttons does the trick.

☒ **SmartDoors™**—Provides you with all these outstanding features and benefits:

- **Remote Door Locking/Unlocking**—*No more fumbling with keys in the dark or bad weather!* One press of a button on the remote control simultaneously arms the system *and* locks all doors. Another press disarms and unlocks.
- **AutoLock™**—For the security of you and your passengers, XL1000 automatically locks all the vehicle doors when you start the engine.
- **AutoUnLock™**—Conversely, when you turn off the ignition, the doors automatically unlock. (If you prefer, you can turn off AutoLock and AutoUnLock with a few flicks of a switch).
- **Remote Keyless Entry in Valet Mode**—The remote control may be used to lock/unlock the car doors and activate remote accessories even while the system is in valet mode.

- ☑ **Parking Light Flasher**—Visually confirms alarm status from a distance.
 - ☑ **Smart Courtesy Lighting**—The interior light(s) automatically turn on when you disarm, and remain on for 30 seconds or until you start the engine.
 - ☑ **Smart Prior Intrusion Attempt Alert**—When you disarm the system with the remote control, XL1000 audibly and visually alerts you — from a distance — if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.
 - ☑ **AutoArming™**—XL1000 arms itself automatically (“passively”) if you forget. This may qualify you for an insurance discount that may pay for the cost of the system (ask your insurance company).
 - **AutoArming Enable/Disable**—Whenever you wish, you may deactivate or reactivate AutoArming with a few flicks of a switch.
 - **Visual Acknowledgment**—AutoArming is confirmed with two flashes of the parking lights.
 - **AutoArm & Lock**—You may set your XL1000 to automatically lock the car doors every time the system AutoArms.
 - ☑ **Dual-Level Tampering Warning**—You may set the system to issue a rapid 5-chirp warning whenever XL1000 detects any tampering to the vehicle. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, XL1000 will sound a continuous 125dB siren blast.
 - ☑ **Six-Sound Siren**—Loud 125dB siren with six different alarm sound patterns to draw even more attention to your vehicle.
 - **User-Selectable Siren Duration**—You may set the siren wail for either 30 or 60 seconds.
 - ☑ **Fault-Proof Starter Interrupt™**—Prevents an intruder from starting the engine, but allows you to start it even in the event of a full system failure (other alarms may leave you stranded).
 - ☑ **LED Status Indicator**—Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
-

☒ **Enhanced AutoArming™:** Automatically arms itself if you forget. This may qualify you for an insurance discount that may pay for the system (ask your insurance company for details).

- **AutoArming Enable/Disable:** Whenever you wish, you may deactivate or reactivate AutoArming with just a few flicks of a switch.

- **Visual Acknowledgment:** AutoArming is confirmed with two flashes of the parking lights.

- **AutoArm & Lock:** You may set XL2000 to automatically lock the car doors every time the system AutoArms.

☒ **Dual-Level Tampering Warning:** You can set XL2000 to issue a rapid five-chirp warning whenever it detects any tampering. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, XL2000 will sound a continuous siren blast.

☒ **Fault-Proof Starter Interrupt™:** Prevents an intruder from starting the engine, but allows *you* to start it even in the event of a full system failure.

☒ **High-Luminescence LED Status Indicator:** Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.

☒ **Magnetic Resonance Sensor™:** Delivers reliable electronic detection and wider-perimeter protection.

☒ **Full-Time Remote Panic™:** For safety, you can remotely activate the siren and flashing parking lights from a distance or even while driving.

☒ **Hood/Trunk Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).

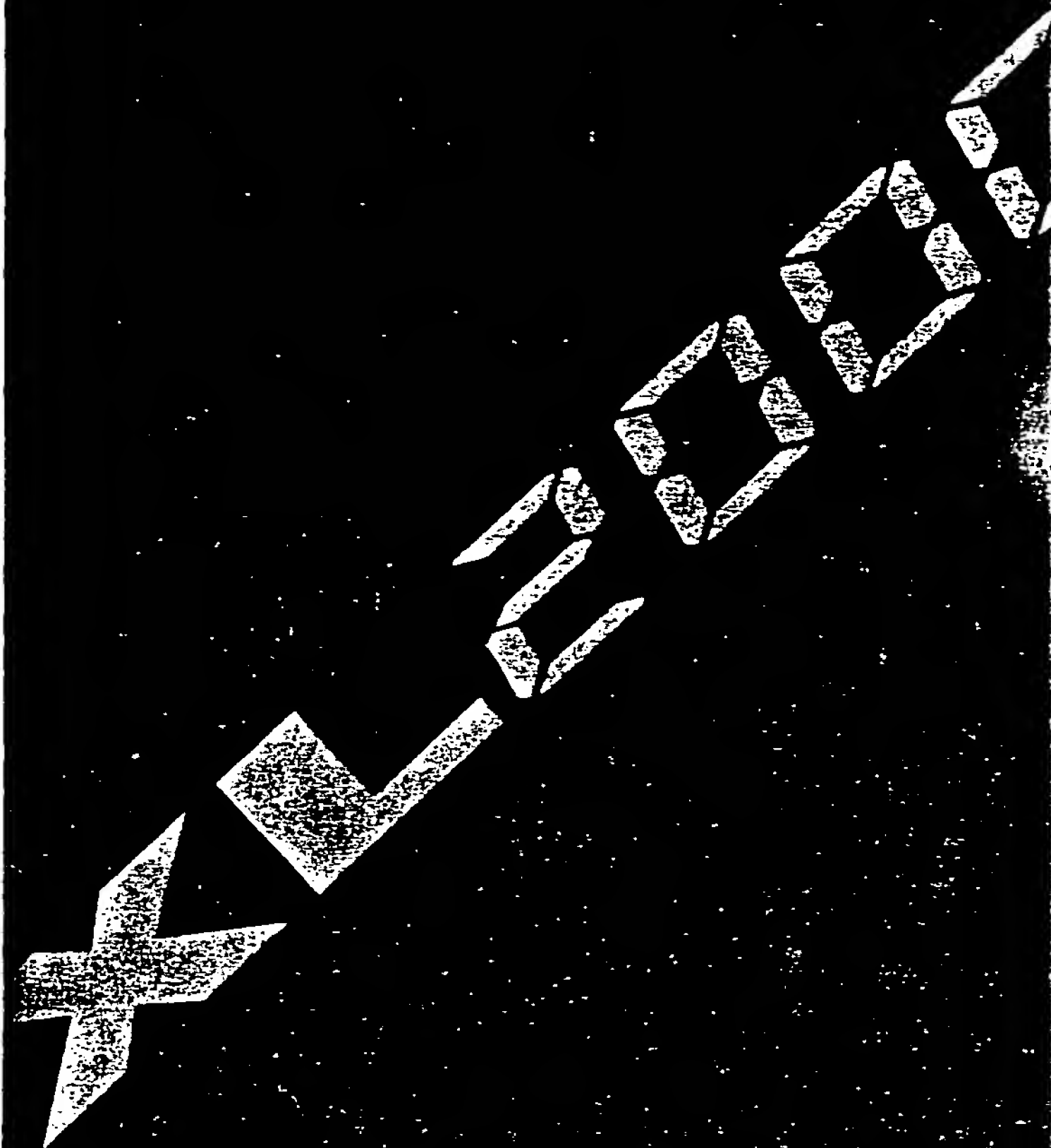
☒ **Smart Trunk Release Capability:** An electronic interlock assures that the optional remote trunk release may be activated *only* when the alarm is disarmed.

☒ **Secured Valet Mode:** Permits vehicle servicing and valet parking without relinquishing the remote control.

The XL2000 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

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Premium Vehicle Security System



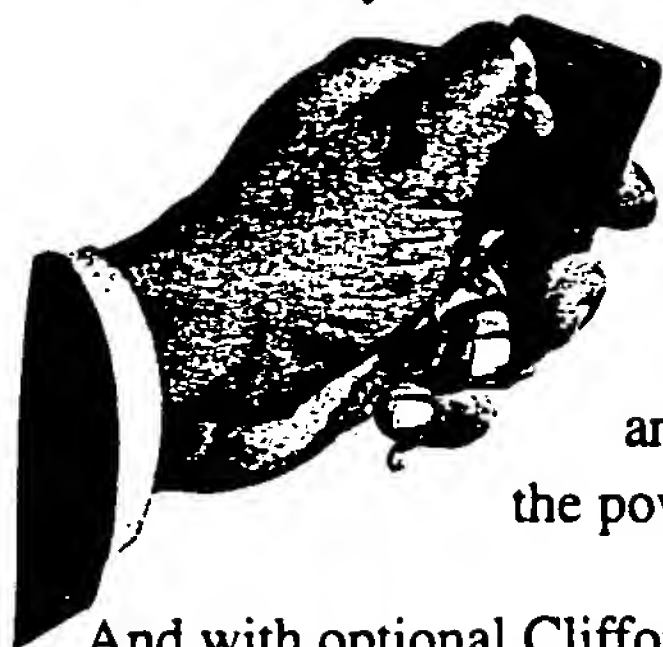
With Clifford's Renowned

F A C T
False Alarm Control & Test
The False Alarm Cure

THE XL2000™ gives you the upper hand against the most accomplished car thieves. This ultra-sophisticated, user-friendly, microprocessor-controlled security/convenience system is loaded with ingenious features unmatched by any other competitive product.

The system's leading-edge microprocessor gives you wonderfully effortless control over any aspect of your system with a mere press of a button on the miniature keychain remote control.

The XL2000's keychain 4-button/8-channel, 4.3-billion-code, digital remote control lets you easily and remotely command — from a typical range of



100 feet — not only the many security features, but also the headlights, parking lights, interior lights, power door locks and, on several vehicles, close the power windows and sunroof.

And with optional Clifford accessories, the same miniature marvel can release the trunk latch, open and close your garage doors, remotely adjust the memory seats, control Clifford systems on your other vehicles, even start the engine and heater or air conditioner.

Clifford Electronics is world-renowned for its leading edge innovations in vehicle security engineering. We deliver the best in vehicle security and convenience technology coupled with the best in proven reliability. In fact, if you *ever* have any problem, we will repair or replace the system control unit or remote controls free of charge. We are so certain of the XL2000, we even back it up with a **\$3,000 AntiTheft Guarantee**.

Even a quick glance at the XL2000 Standard Features list will convince you of the outstanding security, reliability and lifestyle convenience benefits of this exceptional system.

XL2000 Standard Features

- ☑ **\$3,000 AntiTheft Guarantee:** If your XL2000-protected vehicle is stolen and not recoverable, Clifford Electronics will pay you up to **\$3,000** (see the AntiTheft guarantee card for details).
- ☑ **Lifetime Warranty:** This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge.
- ☑ **FACT™—False Alarm Control and Test:** One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. Should the alarm sound a second time, you *will know for sure* that someone is tampering with your vehicle.
- ☑ **A Pair of 4-Button/8-Channel Remote Controls:** With more than **4-billion digital codes**, XL2000 is impervious to the “scanners” used by thieves. Even with the most sophisticated scanner, it would take more than **19 years** to decipher the code.
 - **Button I** will arm, disarm, lock and unlock the doors, and, in an emergency, “panic” your XL2000.
 - **Button II** activates the built-in headlight timer.
 - **Button III** will silently arm or disarm the system without the usual siren “chirps.”
 - **Button IV and channels 5 – 8** can activate options such as a remote trunk release, remote window and sunroof control, your electric garage doors and an entry gate, Clifford systems on your other vehicles, or even remotely start your car's engine.
- ☑ **Patented Remote Control Code Learning:** A few flicks of a switch lets you match up to four different Clifford remote controls to your XL2000. Just as easily, the code of a lost or stolen remote control can be deleted.
- ☑ **Multiple-Car Control:** With the same remote control, you can command up to three of your vehicles.
- ☑ **AntiScan™:** Thieves use “scanners” to defeat ordinary car alarms. XL2000's AntiScan recognizes scanners and blocks their codes to prevent disarming of your XL2000 by anyone but you.

XL2000 Standard Features

- ☑ **\$3,000 AntiTheft Guarantee:** If your XL2000-protected vehicle is stolen and not recoverable, Clifford Electronics will pay you up to **\$3,000** (see the AntiTheft guarantee card for details).
- ☑ **Lifetime Warranty:** This is one feature you may never use since Clifford systems are renowned for their reliability. For as long as you own the vehicle, Clifford Electronics will repair or replace the control unit and remote controls free of charge.
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- ☑ **AntiScan™:** Thieves use “scanners” to defeat ordinary car alarms. XL2000’s AntiScan recognizes scanners and blocks their codes to prevent disarming of your XL2000 by anyone but *you*.
- ☑ **Remote Headlight Activation Capability:** Lets you remotely turn on the headlights for any duration you wish between 1 second and 2.5 minutes to light your way to and from your car.
- ☑ **Headlight Reminder:** If you park your car and forget to turn off the headlights, your XL2000 reminds you to turn them off before you leave the vehicle.
- ☑ **Remote Window and Sunroof Closure Capability:** On several models of BMW, Jaguar and Volkswagen, the XL2000’s remote controlled Integrated Timer can be used to remotely close the power windows and sunroof without the need for any optional modules.
- ☑ **Triple-Mode “Chirp” Silencing:** Whenever you arm or disarm with the remote control, the siren “chirps” and the parking lights flash to confirm system status. Whenever you wish, you may silence the chirps with any of these methods:
 - **Long-Term Chirp Silencing:** A few flicks of a switch will silence the chirps until you reactivate them.
 - **One-Cycle Chirp Muting:** When parking in a quiet residential area, a quick flick of the car’s ignition switch will mute the chirps for one arm-and-disarm cycle, after which the chirps are automatically restored.
 - **Remote Controlled Chirp Muting:** You can even mute the chirps on the go from outside the car without any pre-planning! Just a press on remote control button III does the trick.
- ☑ **SmartDoors™:** Provides all these benefits:
 - **Remote Door Locking/Unlocking:** No more fumbling with keys in the dark or bad weather! One press of a button on the remote control simultaneously arms the system *and* locks all doors. Another press disarms *and* unlocks.
 - **AutoLock™:** For the security of you and your passengers, XL2000 automatically locks all the vehicle doors when you start the engine.
 - **AutoUnLock™:** Conversely, when you turn off the ignition, the doors automatically unlock.
 - **Remote Keyless Entry in Valet Mode:** The remote control may be used to lock/unlock the car doors and activate remote controlled accessories even while the system is in valet mode.

- ☑ **QuietChirps™:** Whenever you desire, you may lower the volume of XL2000's arm and disarm chirps to a level that is clearly audible but less obtrusive than the full-volume chirps. All it takes is a few flicks of a switch.
- ☑ **Smart Courtesy Lighting:** The interior light(s) automatically turn on when you remotely disarm and will remain on for 30 seconds or until you start the engine, whichever occurs first.
- ☑ **Built-In Parking Light Flasher:** Visually confirms alarm status from a distance and repeatedly flashes the parking lights when the alarm sounds.
- ☑ **Patented Smart AutoTesting™:** Your XL2000 automatically tests all system triggers and sensors every time you remotely arm and warns you if you accidentally arm the system with the hood or trunk open. If there is a genuine malfunction, your XL2000 will alert you of the problem with a special chirp and flash sequence. It will even *specifically* identify the malfunction, virtually eliminating costly trouble-shooting time.
- ☑ **Patented Malfunction AutoBypass™:** In the unlikely event of a trigger or sensor malfunction, your XL2000 will automatically bypass the problem and arm all other points to *continue* relentless protection of your vehicle.
- ☑ **TotalRecall™:** XL2000's non-volatile memory automatically stores and permits you to recall the identity of the last trigger or sensor activated while the system was armed. This provides an invaluable informational and diagnostic means.
- ☑ **Patented Smart Prior Intrusion Attempt Alert:** When you remotely disarm, XL2000 audibly and visually alerts you — from a distance — if an intrusion attempt was foiled while you were away. It even identifies the activated trigger or sensor.
- ☑ **Six-Sound Siren:** Loud siren with six different alarm sound patterns to draw even more attention to your vehicle.
 - **User-Selectable Siren Duration:** You may set the siren wail for either 30 or 60 seconds.

- ☑ **Enhanced AutoArming™:** Automatically arms itself if you forget. This may qualify you for an insurance discount that may pay for the system (ask your insurance company for details).
 - **AutoArming Enable/Disable:** Whenever you wish, you may deactivate or reactivate AutoArming with just a few flicks of a switch.
 - **Visual Acknowledgment:** AutoArming is confirmed with two flashes of the parking lights.
 - **AutoArm & Lock:** You may set XL2000 to automatically lock the car doors every time the system AutoArms.
- ☑ **Dual-Level Tampering Warning:** You can set XL2000 to issue a rapid five-chirp warning whenever it detects any tampering. If there is any further tampering, or if the hood, trunk or a door is opened at *any* time, XL2000 will sound a continuous siren blast.
- ☑ **Fault-Proof Starter Interrupt™:** Prevents an intruder from starting the engine, but allows *you* to start it even in the event of a full system failure.
- ☑ **High-Luminescence LED Status Indicator:** Bright red LED adds visual deterrence and identifies armed, disarmed, programming and valet modes.
- ☑ **Magnetic Resonance Sensor™:** Delivers reliable electronic detection and wider-perimeter protection.
- ☑ **Full-Time Remote Panic™:** For safety, you can remotely activate the siren and flashing parking lights from a distance or even while driving.
- ☑ **Hood/Trunk Trigger Input:** Allows for full perimeter protection of the engine compartment and trunk contents (may require optional pin switches and wiring).
- ☑ **Smart Trunk Release Capability:** An electronic interlock assures that the optional remote trunk release may be activated *only* when the alarm is disarmed.
- ☑ **Secured Valet Mode:** Permits vehicle servicing and valet parking without relinquishing the remote control.

The XL2000 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

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✓ **Patented Remote Control Code Learning** — Just a few flicks of a switch lets you match to your XL4000 up to 4 different remote controls. Just as easily, a lost or stolen remote control can be permanently deleted from the system memory.

✓ **High-Luminescence LED Status Indicator with Automatic Battery-Saving Mode** — Bright red LED adds visual deterrence and identifies system status: armed, disarmed and valet mode. To conserve vehicle battery power and minimize current draw (the LED draws more current than the entire control unit), if the system has remained continuously armed for 48 hours, the flash rate will automatically slow to half the normal rate. If left continuously armed for 96 hours, the blink rate will slow to one-quarter the normal rate. Unlike other alarm brands, even if you don't drive your vehicle for an extended period of time, your car will be protected and you will be able to start your car when you return.



✓ **Multiple Sensor Inputs** — Separate inputs for two sensors for a higher level of security and precise identification of the exact sensor that was tripped in any intrusion attempt while you were away.

✓ **Hood/Trunk Trigger Input** — Protects the engine compartment and trunk contents (may require optional pin switches.)

✓ **Patented SmartPowerUp™ II** — When power to the system is disconnected, the system's non-volatile memory always remembers the last state (armed, disarmed or valet mode) and returns to that state when power is restored. So if a thief disconnects the power and then restores it in an attempt to start the car, the system will re-arm and instantly sound the siren while immobilizing the vehicle.

The XL4000 is covered by the following Clifford Electronics patents: 4,158,874; 4,233,642; 4,327,444; 4,383,242; 4,430,685; 4,845,464; 4,887,064; 4,890,108; 4,922,224; 4,997,053; 5,081,667; 5,146,215; 5,157,375; and other patents pending.

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91-706A/XL4Br/395

With Clifford's Iron-Clad Guarantee!

- ✓ Iron-Clad Guarantees
- ✓ Anti-CodeGrabbing™ (ACG™)
- ✓ FACT™: Eliminates Recurring False Alarms
- ✓ Remotely Adjustable Piezo Sensor™
- ✓ More Features Than Any Other Brand

CLIFFORD ELECTRONICS' HALLMARKS are technological innovation, reliability and quality of product and service. The Special Edition XL4000 epitomizes those hallmarks to deliver features and benefits that provide unmatched lifestyle-enhancing convenience and will protect your new vehicle in ways no other car alarm can.

Yet despite the breadth of these stunning capabilities, you will find that the XL4000 is amazingly user-friendly — never more difficult than pressing a button on the miniature keychain remote control.



Features and Benefits of the XL4000

- ✓ **\$3,000 AntiTheft Guarantee** — If your XL4000 protected vehicle is stolen and not recovered, Clifford Electronics will pay you up to \$3,000 (see the \$3,000 guarantee card for complete details).
- ✓ **Lifetime Warranty** — For as long as you own the vehicle, Clifford will repair or replace the control unit and remote controls free of charge and, unlike other alarm manufacturers, Clifford never imposes "processing fees" or "handling charges."
- ✓ **FACT™—False Alarm Control and Test** — One of many patented Clifford innovations, FACT *absolutely, positively puts an end to recurring false alarms*. If an improperly adjusted sensor causes the alarm to sound, the system will check for another activated trigger before sounding the siren a second time. Should the alarm sound again *you will know for sure* that someone is tampering with your vehicle.

✓ **A Pair of 4-Button/12-Channel ACG Remote Controls** — These sophisticated yet incredibly easy-to-use burlwood finish remote controls give you fingertip command of up to 12 functions from a typical range of 100 feet.

- Remotely arm your XL4000 system and automatically lock all the vehicle's doors.
- Remotely disarm and unlock the doors for yourself and your passengers as well as illuminate the interior courtesy light for 30 seconds or until you start the engine, whichever occurs first.
- Activate the remote panic feature and simultaneously unlock the car doors if you are outside the vehicle, or lock them if you are inside the vehicle.
- Silently arm or disarm without the usual siren chirps — an especially desirable feature when parking late at night in a quiet residential area.
- Control Clifford security systems on as many as *seven* vehicles with the same remote!
- Remotely turn on the headlights for any duration you wish between one second and two minutes (may require an optional relay).
- With the addition of a relay on certain vehicles, the system can be set to automatically close all the power windows and sunroof every time you arm with the remote control.
- Remotely activate additional options, such as a remote trunk release, electric garage door operation, even remotely start your car's engine and heater or air conditioner from inside your home or office — perfect for those frigid winter mornings and blisteringly hot summer days.

✓ **Full-Time Remote Panic with Automatic Door Locking and Unlocking** — If you feel threatened, you can, with just a fingertip touch on your remote control, sound the siren, flash the parking lights and unlock the vehicle doors for quick entry into your car without fumbling with your keys. If you press the panic button while driving, the siren will sound, the lights will flash and all the vehicle doors will lock to shield you from the assailant.

✓ **Anti-CodeGrabbing™ (ACG) with Random Code Encryption** — Today's criminals have an efficient new method of electronic thievery: "code-grabbing." When you use a car alarm remote control, it transmits a digital code to your alarm. A thief with a code-grabber can record that code right off the air from hundreds of feet away, then play it back when you're gone to disarm the alarm and unlock the doors. Within seconds, your car is just another theft statistic. Fortunately, Clifford's Anti-CodeGrabbing (ACG) randomly changes the transmitted code every time you press any button on the remote control. And since these codes are selected by the system's microprocessor from an electronic file containing several trillion codes, the remote control *NEVER* sends the same code twice, and the system control unit *NEVER* accepts the same code twice. That makes code-grabbing utterly useless against Clifford XL4000 systems. **Only ACG can make a car alarm impervious to code-grabbing, and only Clifford systems have ACG.**

✓ **UltraSecure Coded Valet Mode™** — All other brands of alarms use a so-called "hidden" valet switch that any car thief can find within seconds and immediately turn off the alarm. In contrast, Clifford's UltraSecure Coded Valet Mode provides unbreachable security that no criminal can overcome and that no other manufacturer offers. This remarkable security is achieved with an attractive console-mounted PlainView™ switch similar to those used in Rolls-Royce vehicles. But beauty is more than skin deep. This switch is easy to use and lets you set your own personal code with 1,000 different possibilities. And, any time you wish, you can change your code. No thief can breach the exclusive security of Clifford's coded valet switch even if he tries entering codes at random. Why? Because after three incorrect codes are entered, the system immediately sounds its siren, flashes the parking lights and ignores for a certain time any more code entry attempts . . . even if the thief were to actually stumble onto your secret code!

- **Remote Controlled Valet Mode Entry and Exit** — You get unparalleled convenience in addition to unbreachable security. With just a press of a button from up to 100 feet away, you can enter or exit valet mode. The system confirms exit or entry with one or two parking light flashes.

✓ **Remotely Adjustable Dual-Zone Piezo Sensor™** — With just a touch on the remote, you may adjust and test the sensitivity of this microprocessor-controlled solid-state sensor. The two sensor zones provide full perimeter protection: If someone bumps into your car, the system will sound a distinctive warning tone; if forced entry is detected, the full alarm will sound.

- **Audible Confirmation of Sensor Adjustments** — XL4000 issues two chirps for each incremental sensitivity increase and a single chirp for each decrease. Minimum and maximum settings are confirmed with three chirps.
- **Unprecedented Reliability** — No moving parts to wear out.
- **Adjust and Test Unobtrusively** — You set and test sensitivity without activating the alarm.

✓ **Remote Door Locking/Unlocking with Built-In Relays** — *No more fumbling with keys in the dark or bad weather!* A press of a button on the remote control simultaneously arms your XL4000 and locks your vehicle's power locks. Another press disarms and unlocks the doors.

- **User-Selectable AutoLock™ and AutoUnLock™** — For your safety, when you start the engine, all the vehicle's doors automatically lock. Conversely, the doors will automatically unlock when you turn off the ignition after parking your vehicle. If you prefer, you may turn off one or both features.
- **Deluxe Remote Keyless Entry in Valet Mode** — Remotely lock and unlock the doors even in valet mode. Two parking light flashes confirm remote locking in valet mode, remote unlocking is confirmed with one flash and activation of the interior courtesy light.

✓ **Dual-Mode "Chirp" Silencing** — Whenever you remotely arm or disarm, the siren "chirps" and the parking lights flash to confirm system status. Whenever you wish, you may silence the chirps:

- **Remote Controlled Chirp Muting** — Just a press on remote control button 3 will arm and disarm the system *silently*. It's perfect when you need to arm or disarm at night in a quiet residential area.
- **Long-Term Chirp Silencing** — A few flicks of a switch silences the chirps until you choose to reactivate them.



✓ **Remote Window/Sunroof Closure Capability** — On certain vehicles (including several models of Jaguar, Mercedes Benz, Volkswagen and BMW), XL4000's integrated timer and an optional relay can be used to automatically close the power windows and sunroof every time you remotely arm your XL4000 system.

✓ **Remote Headlight Activation Capability** — A single press of a button on your remote control will turn on your vehicle's headlights for any duration you wish between 1 second and 2.5 minutes to light your way to and from your car (requires an optional relay).

✓ **High-Output Insignia™ Siren** — A loud yet compact siren designed exclusively by Clifford Electronics for far superior performance, features, reliability and even aesthetics to all other look-alike, sound-alike sirens.

- **User-Selectable Siren Duration** — You may set the siren wail for either 30 or 60 seconds.
- **Patented Automatic Noise Abatement** — The XL4000 siren electronics limit alarm sounding to 5 siren duration cycles even if a door is left open in the wake of an intrusion attempt. This ensures against car battery drain or towing of your vehicle due to noise pollution ordinances.

✓ **Enhanced User-Selectable AutoArming™** — Your XL4000 system will actually arm itself "passively" if you forget to arm it with your remote control. May qualify you for an insurance discount that could pay for the system (consult your insurance company).

- **AutoArming Enable/Disable** — You may disable or re-enable AutoArming with just a few flicks of a switch.
- **AutoArm & Lock™** — You may set the system to automatically lock the doors every time the system AutoArms.
- **Visual Indication** — Two parking lights flashes signal that the 30-second countdown to AutoArming has started.
- **Instant AutoArm Bypass** — Just a couple quick turns of the ignition switch bypasses AutoArming for one cycle — perfect when fueling the vehicle. AutoArming is automatically restored the next time you park the car.

✓ **Remote Controlled Courtesy Lighting** — For your personal safety and convenience, when you remotely disarm your XL4000, the interior lights turn on and stay on until you start the engine or 30 seconds, whichever occurs first.

✓ **Built-In Parking Light Flasher** — Visually confirms door lock and system status from a distance.

✓ **Patented Smart AutoTesting™** — Automatically tests all triggers and sensors every time you remotely arm and warns you if you accidentally arm the system with the hood or trunk open. If there is a genuine trigger or sensor malfunction, you will be alerted with a special chirp and parking light flash sequence and the system will specifically identify the problem.

✓ **Patented Malfunction AutoBypass™ with Automatic Monitoring** — In the unlikely event of a trigger or sensor malfunction, your XL4000 will automatically bypass the malfunction and arm all other points to continue relentless protection of your vehicle. If you simply left the hood, trunk or a door open when you armed, just close it and the system will again monitor that trigger point.

✓ **Total Recall™** — The XL4000's memory stores the identity of the last trigger or sensor activated. This provides an invaluable diagnostic means, since, whenever you wish, the system will visually identify the activated trigger or sensor.

✓ **Patented Smart Prior Intrusion Attempt Alert** — When you return to your vehicle and disarm your XL4000 system with the remote control, a special chirp and parking light flash sequence will audibly and visually alert you from a distance if an intrusion attempt was foiled while you were away. XL4000 systems even identify the specific trigger or sensor that detected the intrusion attempt.

✓ **Full-Time Programming Access** — You can easily change the status of more than a dozen user-selectable features at any time, even while driving. Clear, audible signals confirm each feature selection and setting.

✓ **Selectable Starter/Ignition Interrupt™** — You may choose either a fault-proof mode, which lets you start the engine even in the unlikely event of a system failure, or ultra-secure mode that ensures a thief won't be able to start the vehicle even if he finds the system control unit and disconnects it!

Correspondence dated 12-2-88
D. . . Mueller not in file